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Canada

Checklist of
BEETLES
# of Canada and Alaska

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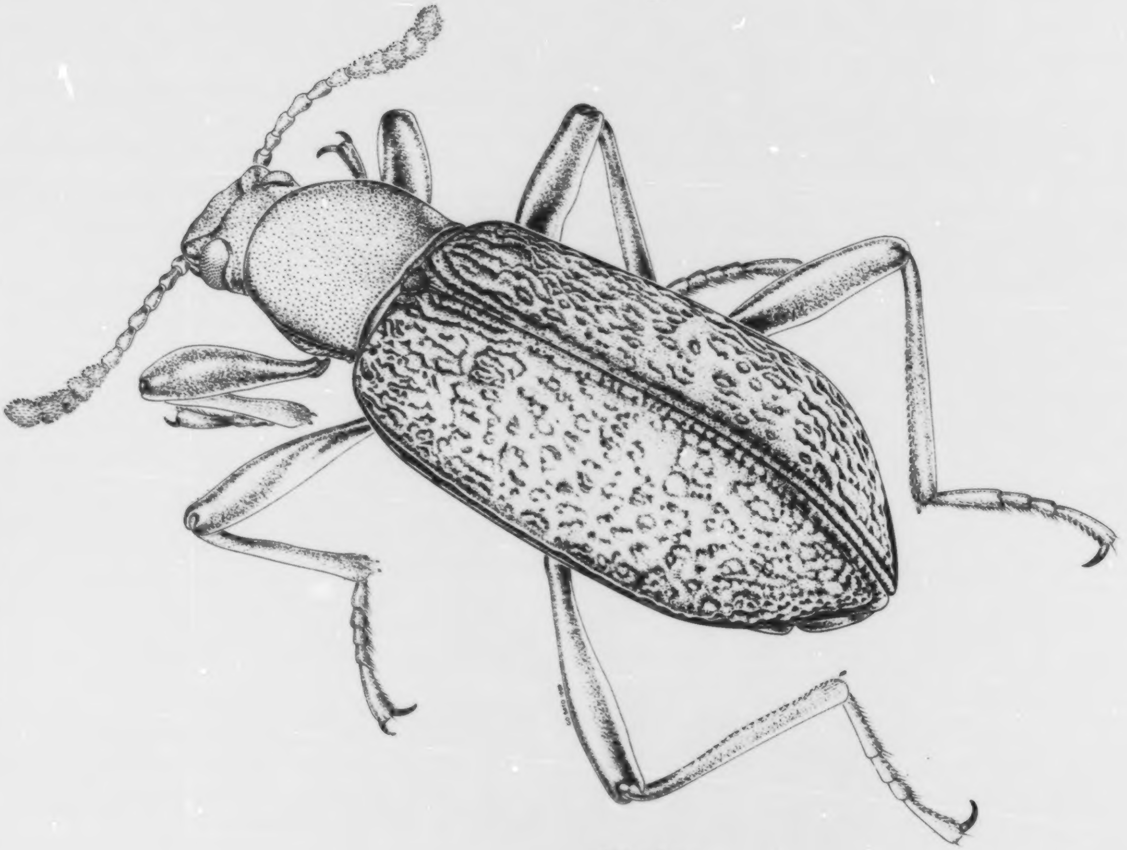

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CONTENTS

List of contributors v
Acknowledgments v
Summary vi
Résumé vi
Synoptic table 1
Introduction 4
Format 4
Subsequent revisions of the checklist 5
Abbreviations and symbols 5

ORDER COLEOPTERA 6
Suborder Archostemata 6
  Family Cupedidae (J.M. Campbell) 6
  Family Micromalthidae (J.M. Campbell) 6
Suborder Adephaga 7
  Family Rhysodidae (Y. Bousquet) 7
  Family Trachypachidae (Y. Bousquet) 7
  Family Carabidae (Y. Bousquet) 8
  Family Haliplidae (R.E. Roughley) 60
  Family Amphizoidae (Y. Bousquet) 61
  Family Noteridae (R.E. Roughley) 61
  Family Dytiscidae (D.J. Larson and R.E. Roughley) 62
  Family Gyrinidae (R.E. Roughley) 72
Suborder Polyphaga 74
 Superfamily Staphylinoidea 74
  Family Hydraenidae (R.E. Roughley) 74
  Family Ptiliidae (J.M. Campbell) 75
  Family Limulodidae (J.M. Campbell) 76
  Family Agyrtidae (J.M. Campbell) 77
  Family Leiodidae (S.B. Peck) 77
  Family Scydmaenidae (A. Davies) 82
  Family Micropeplidae (J.M. Campbell) 84
  Family Silphidae (J.M. Campbell) 84
  Family Staphylinidae (J.M. Campbell and A. Davies) 86
  Family Scaphidiidae (J.M. Campbell) 124
  Family Pselaphidae (A. Davies) 125
 Superfamily Hydrophiloidea 130
  Family Hydrophilidae (R.E. Roughley) 130
  Family Georyssidae (R.E. Roughley) 135
  Family Sphaeritidae (R.E. Roughley) 135
  Family Histeridae (A. Davies) 135
 Superfamily Eucinetoidea 141
  Family Eucinetidae (J.M. Campbell) 141
  Family Clambidae (J.M. Campbell) 141
  Family Scirtidae (J.M. Campbell) 142
 Superfamily Dascilloidea 143
  Family Dascillidae (J.M. Campbell) 143
  Family Rhipiceridae (J.M. Campbell) 143
 Superfamily Scarabaeoidea 143
  Family Lucanidae (J. McNamara) 143
  Family Passalidae (J. McNamara) 145
  Family Scarabaeidae (J. McNamara) 145
 Superfamily Byrrhoidea 158
  Family Byrrhidae (P.J. Johnson) 158
 Superfamily Buprestoidea 160
  Family Buprestidae (A. Davies) 160
 Superfamily Dryopoidea 169
  Family Ptilodactylidae (L. LeSage) 169
  Family Heteroceridae (L. LeSage) 169
  Family Limnichidae (L. LeSage) 171
  Family Dryopidae (L. LeSage) 171
  Family Elmidae (L. LeSage) 172
  Family Psephenidae (L. LeSage) 174
 Superfamily Elateroidea 174
  Family Artematopidae (Y. Bousquet) 174
  Family Elateridae (Y. Bousquet) 175
  Family Throscidae (Y. Bousquet) 186
  Family Eucnemidae (Y. Bousquet) 186
 Superfamily Cantharoidea 188
  Family Lycidae (J. McNamara) 188
  Family Phengodidae (J. McNamara) 190
  Family Lampyridae (J. McNamara) 190
  Family Cantharidae (J. McNamara) 192
 Superfamily Dermestoidea 195
  Family Derodontidae (D.E. Bright) 195
  Family Nosodendridae (J.M. Campbell) 196
  Family Dermestidae (Y. Bousquet) 196
 Superfamily Bostrichoidea 199
  Family Bostrichidae (J. McNamara) 199
  Family Lyctidae (J. McNamara) 201
  Family Anobiidae (J. McNamara) 201
  Family Ptinidae (Y. Bousquet) 205
 Superfamily Lymexyloidea 206
  Family Lymexylidae (J.M. Campbell) 206
 Superfamily Cleroidea 206
  Family Trogossitidae (Y. Bousquet) 206
  Family Cleridae (J. McNamara) 208
  Family Melyridae (D.E. Bright) 211
 Superfamily Cucujoidea 213
  Family Sphindidae (J.M. Campbell) 213
  Family Nitidulidae (J. McNamara) 214
  Family Rhizophagidae (Y. Bousquet) 218
  Family Cucujidae (Y. Bousquet) 219
  Family Cryptophagidae (Y. Bousquet) 221
  Family Languriidae (J.M. Campbell) 223
  Family Erotylidae (J.M. Campbell) 225
  Family Phalacridae (J.M. Campbell) 226

Family Cerylonidae (J.M. Campbell) 227
Family Corylophidae (J.M. Campbell) 228
Family Coccinellidae (J. McNamara) 229
Family Endomychidae (J.M. Campbell) 237
Family Lathridiidae (Y. Bousquet) 239
Family Biphyllidae (J.M. Campbell) 241
Family Byturidae (J.M. Campbell) 241
Superfamily Tenebrionoidea 242
Family Mycetophagidae (Y. Bousquet) 242
Family Tetratomidae (L. LeSage) 243
Family Ciidae (J. McNamara) 244
Family Melandryidae (L. LeSage) 245
Family Mordellidae (J. McNamara) 248
Family Rhipiphoridae (J.M. Campbell) 250
Family Colydiidae (Y. Bousquet) 251
Family Zopheridae (J.M. Campbell) 252
Family Tenebrionidae (Y. Bousquet and J.M. Campbell) 253
Family Lagriidae (J.M. Campbell) 261
Family Cephaloidae (J.M. Campbell) 262
Family Meloidae (J.M. Campbell) 263
Family Oedemeridae (J.M. Campbell) 266
Family Prostomidae (J.M. Campbell) 267
Family Synchroidae (L. LeSage) 267
Family Mycteridae (J.M. Campbell) 267
Family Boridae (J.M. Campbell) 268
Family Pythidae (J.M. Campbell) 268
Family Pyrochroidae (J.M. Campbell) 269
Family Salpingidae (J.M. Campbell) 270
Family Anthicidae (Y. Bousquet) 271
Family Pedilidae (Y. Bousquet) 274
Family Aderidae (Y. Bousquet) 275
Family Scraptiidae (L. LeSage) 275
Superfamily Chrysomeloidea 277
Family Cerambycidae (J. McNamara) 277
Family Bruchidae (J. McNamara) 300
Family Chrysomelidae (L. LeSage) 301
Superfamily Curculionoidea 323
Family Nemonychidae (J. McNamara) 323
Family Anthribidae (J. McNamara) 324
Family Ithyceridae (J. McNamara) 325
Family Attelabidae (J. McNamara) 326
Family Rhynchitidae (J. McNamara) 326
Family Brentidae (J. McNamara) 327
Family Apionidae (J. McNamara) 328
Family Curculionidae (J. McNamara) 329
Family Scolytidae (J. McNamara) 356
Family Platypodidae (J. McNamara) 365

ORDER STREPSIPTERA 366

Suborder Stylopidia 366
Family Corioxenidae (S.B. Peck) 366
Family Halictophagidae (S.B. Peck) 366
Family Stylopidae (S.B. Peck) 367

References 368
Index 397

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SUMMARY

All species and subspecies of beetles known to occur in Canada and Alaska are listed along with their synonyms; these names are arranged alphabetically under the respective genus-group names. Valid genus-group and family-group names are listed in phylogenetic order. No new taxa, combinations, or synonyms are proposed. Species distributions are presented in tabular form, indicating the presence or absence of the taxa in each province and territory, in Labrador, and in Alaska. Introduced and holarctic species are highlighted. References to pertinent identification keys are indicated under the corresponding supraspecific taxon. The work also includes a brief introduction for every family treated and an index to all supraspecific names.

RÉSUMÉ

L'ouvrage répertorie toutes les espèces et sous-espèces de Coléoptères connues du Canada et de l'Alaska ainsi que leurs synonymes; ces noms sont énumérés par ordre alphabétique à la suite du nom du groupe-genre correspondant. Les noms valides des groupe-genre et groupe-famille sont présentés par ordre phylogénétique. Cette liste ne propose aucun nouveau taxon, combinaison ou synonyme. La répartition des espèces est présentée sous forme tabulaire, indiquant la présence ou l'absence des taxa dans chaque province et territoire, le Labrador et l'Alaska. On met en relief les espèces introduites ou holarctiques et on mentionne, sous le taxon supraspécifique correspondant, les références contenant des tableaux de détermination utiles. L'ouvrage comprend aussi une courte introduction sur chaque famille considérée ainsi qu'un index des noms supraspécifiques.

Synoptic table

Family	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF	T	H	I
Cupedidae	–	–	–	1	–	–	–	2	1	–	–	–	–	–	3	–	–
Micromalthidae	–	–	–	1	–	–	–	–	–	–	–	–	–	–	1	–	–
Rhysodidae	–	–	–	1	–	–	–	1	–	–	–	–	–	–	2	–	–
Trachypachidae	1	1	1	2	1	1	–	–	–	–	–	–	–	–	2	–	–
Carabidae	237	164	207	483	386	314	350	503	451	243	244	137	94	175	946	84	46
Haliplidae	3	4	9	23	15	10	13	17	18	3	3	–	2	4	37	1	–
Amphizoidae	1	2	–	3	2	–	–	–	–	–	–	–	–	–	3	–	–
Noteridae	–	–	–	–	–	–	–	2	1	–	–	–	–	–	2	–	–
Dytiscidae	92	111	118	167	153	124	145	155	147	82	77	31	74	78	262	45	–
Gyrinidae	7	10	14	18	21	23	22	27	30	14	10	5	8	10	36	4	–
Hydraenidae	–	–	4	21	10	4	5	5	7	3	1	–	–	1	27	–	–
Ptiliidae	5	–	–	16	–	–	1	2	10	5	1	–	–	–	32	1	11
Limulodidae	–	–	–	–	–	–	–	1	–	–	–	–	–	–	1	–	–
Agyrtidae	4	–	1	6	3	–	–	1	–	–	–	–	–	–	8	–	–
Leiodidae	36	18	16	84	39	18	26	57	53	19	15	–	7	10	128	6	1
Scydmaenidae	5	–	–	12	1	1	3	29	14	8	6	–	1	–	48	–	–
Micropeplidae	4	1	1	8	4	2	1	5	4	–	–	–	–	–	10	1	–
Silphidae	8	6	9	13	17	18	18	18	15	10	11	7	1	6	25	4	–
Staphylinidae	308	172	155	581	265	126	278	441	460	167	195	19	63	171	1129	88	99
Scaphidiidae	1	1	1	4	1	2	3	13	10	–	–	–	–	1	17	–	–
Pselaphidae	10	1	3	23	16	9	16	56	38	15	11	2	1	3	85	–	2
Hydrophiliidae	24	20	36	81	65	52	64	92	86	38	38	2	5	24	149	11	18
Georyssidae	–	–	–	1	1	–	–	–	1	–	–	–	–	–	1	–	–
Sphaeritidae	1	–	–	1	1	–	–	–	–	–	–	–	–	–	1	–	–
Histeridae	1	2	2	57	42	25	43	65	58	13	12	3	–	7	118	1	10
Eucinetidae	–	1	2	5	3	3	4	4	4	2	2	–	–	–	7	–	1
Clambidae	1	–	–	3	3	–	–	1	6	–	–	–	–	–	7	1	1
Scirtidae	1	1	2	10	4	3	3	15	15	7	3	–	–	5	26	–	–
Dascillidae	–	–	–	1	–	–	–	–	–	–	–	–	–	–	1	–	–
Rhipiceridae	–	–	–	–	–	–	–	1	–	–	–	–	–	–	1	–	–
Lucanidae	–	1	2	7	2	2	3	8	5	2	3	–	–	1	14	–	–
Passalidae	–	–	–	–	–	–	1	1	–	–	–	–	–	–	1	–	–
Scarabaeidae	13	9	17	88	96	58	85	136	109	41	47	11	7	20	248	1	21
Byrrhidae	14	9	13	15	12	5	7	10	12	2	4	–	5	4	26	3	2
Buprestidae	11	13	18	75	57	41	63	99	80	36	22	7	4	5	152	1	2
Ptilodactylidae	–	–	–	1	–	–	1	2	3	–	–	1	–	–	3	–	–
Heteroceridae	2	4	5	9	16	14	19	16	16	5	–	1	–	–	25	–	–
Limnichidae	–	–	–	1	–	–	1	4	2	–	–	–	–	–	4	–	–
Dryopidae	–	–	–	2	1	1	1	2	5	2	2	1	–	1	6	–	1
Elmidae	–	1	1	14	11	4	7	16	21	10	11	5	2	5	32	–	–
Psephenidae	–	–	–	–	–	–	–	3	2	1	2	–	–	–	3	–	–
Artematopidae	–	–	1	3	1	–	1	2	2	1	–	–	–	–	4	–	–
Elateridae	53	32	49	194	131	88	99	175	165	81	87	21	25	46	369	6	5

Synoptic table (*continued*)

Family	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF	T	H	I
Throscidae	–	–	2	6	1	–	1	5	5	2	2	–	–	1	9	–	–
Eucnemidae	1	–	–	13	2	1	3	18	20	5	3	–	–	1	32	–	–
Lycidae	3	1	1	8	5	4	8	25	19	5	5	–	1	1	29	–	–
Phengodidae	–	–	–	–	–	–	–	1	–	–	–	–	–	–	1	–	–
Lampyridae	–	–	3	9	3	5	12	19	14	8	10	1	–	3	29	–	1
Cantharidae	15	8	13	57	20	9	22	48	48	22	25	1	5	16	126	–	2
Derodontidae	2	–	–	5	3	–	–	2	1	2	3	–	–	1	8	–	1
Nosodendridae	–	–	–	1	–	–	–	1	–	–	–	–	–	–	2	–	–
Dermestidae	6	3	6	31	16	10	14	24	19	4	5	4	–	4	48	–	17
Bostrichidae	1	1	3	8	3	2	6	13	6	1	1	–	–	–	18	1	1
Lyctidae	–	–	–	4	–	–	1	4	3	1	2	–	–	–	6	–	2
Anobiidae	4	6	2	35	18	9	21	42	40	8	7	–	–	7	79	–	5
Ptinidae	1	–	–	13	5	6	7	11	11	9	10	1	–	5	16	–	13
Lymexylidae	–	–	–	–	1	–	–	1	1	1	1	–	–	1	1	–	–
Trogossitidae	4	4	5	17	6	6	6	12	9	2	2	1	1	3	22	2	–
Cleridae	5	4	5	22	12	10	14	32	24	11	4	–	–	4	50	–	5
Melyridae	–	2	3	35	16	5	6	10	10	1	1	–	–	1	49	–	2
Sphindidae	–	–	–	2	1	–	–	3	4	–	–	–	–	–	5	–	–
Nitidulidae	17	10	8	63	44	16	45	56	63	13	15	3	1	13	101	3	7
Rhizophagidae	3	1	–	15	7	3	4	15	11	4	3	–	–	5	24	–	3
Cucujidae	3	1	2	15	10	9	17	26	24	5	4	1	1	5	31	1	10
Cryptophagidae	26	1	3	47	15	7	12	19	17	2	3	–	2	3	66	11	8
Languriidae	–	–	–	1	–	1	2	6	5	–	–	–	–	–	7	–	1
Erotylidae	–	–	–	5	6	4	5	14	14	2	1	–	–	–	20	–	–
Phalacridae	–	–	–	3	–	–	1	3	2	–	–	–	–	–	5	–	–
Cerylonidae	1	–	1	3	2	–	1	6	3	1	2	–	–	–	7	–	1
Corylophidae	–	1	2	7	4	2	1	4	3	1	–	–	–	–	11	–	2
Coccinellidae	26	31	35	94	83	70	56	83	77	37	25	6	9	13	162	2	8
Endomychidae	–	–	1	7	2	2	5	10	8	2	6	1	–	2	15	–	2
Lathridiidae	19	5	6	34	9	8	17	22	22	6	8	1	1	4	55	6	15
Biphyllidae	–	–	–	–	–	–	–	1	1	1	–	–	–	–	1	–	–
Byturidae	1	1	1	1	1	1	1	1	1	1	1	–	–	1	1	–	–
Mycetophagidae	–	–	–	6	4	2	7	10	12	2	1	1	–	–	15	–	1
Tetratomidae	1	1	–	2	1	1	–	5	7	1	–	–	–	1	9	–	1
Ciidae	6	–	6	19	10	5	14	16	17	5	6	–	–	6	29	–	1
Melandryidae	4	2	3	27	10	5	9	27	42	11	10	–	3	13	55	3	2
Mordellidae	–	1	6	18	10	12	37	49	29	14	7	1	–	–	70	–	–
Rhipiphoridae	–	–	–	3	2	2	–	5	2	–	–	–	–	–	10	–	–
Colydiidae	–	–	2	10	3	1	1	10	5	1	–	–	–	1	21	–	1
Zopheridae	–	–	–	1	1	–	–	1	1	1	–	–	–	1	1	–	–
Tenebrionidae	3	3	8	69	32	22	32	70	63	16	14	5	2	7	135	1	11
Lagriidae	–	–	1	1	1	–	3	5	5	1	1	–	–	–	6	–	–
Cephaloidae	1	1	2	5	3	–	1	4	5	1	–	1	2	2	9	–	–

Synoptic table (*concluded*)

Family	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF	T	H	I
Meloidae	3	1	3	25	26	23	20	17	12	3	3	–	–	–	49	–	–
Oedemeridae	2	–	–	10	4	–	3	5	5	1	2	–	–	1	13	–	1
Prostomidae	–	–	–	1	–	–	–	–	–	–	–	–	–	–	1	–	–
Synchroidae	–	–	–	–	–	–	1	1	1	–	–	–	–	–	1	–	–
Mycteridae	–	–	–	2	–	–	–	2	2	–	–	–	–	–	4	–	–
Boridae	–	–	1	1	2	2	2	2	2	1	–	–	–	–	2	–	–
Pythidae	3	3	3	5	4	3	4	4	4	3	4	–	1	2	6	–	–
Pyrochroidae	2	–	1	5	4	1	3	7	7	3	4	–	–	1	12	–	–
Salpingidae	3	1	1	7	1	1	1	3	2	1	1	–	1	2	10	–	1
Anthicidae	2	2	5	29	25	24	19	25	21	9	5	1	–	3	55	–	3
Pedilidae	–	–	–	8	4	1	2	6	9	1	1	–	–	–	19	–	–
Aderidae	–	–	–	1	–	–	–	8	8	1	1	–	–	–	9	–	1
Scraptiidae	2	1	–	16	5	1	1	8	10	3	2	–	–	3	21	–	–
Cerambycidae	31	27	32	145	88	56	100	209	178	68	51	11	13	24	354	4	1
Bruchidae	1	1	2	10	8	7	9	11	5	2	2	1	–	1	19	–	6
Chrysomelidae	42	41	72	181	217	174	254	363	274	116	103	19	14	34	569	9	38
Nemonychidae	–	–	–	6	3	–	1	2	3	1	–	–	–	–	8	–	–
Anthribidae	2	2	2	4	8	6	7	12	12	1	1	–	–	1	18	1	1
Ithyceridae	–	–	–	–	–	–	–	1	1	–	–	–	–	–	1	–	–
Attelabidae	–	–	–	–	–	1	2	3	4	1	2	–	–	–	4	–	–
Rhynchitidae	–	–	3	5	6	5	6	7	5	3	3	2	–	2	13	–	–
Brentidae	–	–	–	–	–	–	–	1	1	–	–	–	–	–	1	–	–
Apionidae	3	3	3	12	20	13	15	17	13	2	2	–	–	1	35	–	1
Curculionidae	61	51	55	261	206	124	179	312	280	72	91	17	11	68	609	14	69
Scolytidae	52	33	31	134	80	40	47	89	81	53	46	8	6	27	204	–	5
Platypodidae	–	–	–	1	–	–	–	–	–	–	–	–	–	–	1	–	–
STREPSIPTERA	–	–	–	2	1	3	–	2	2	–	1	–	–	–	11	–	–
TOTAL	1205	838	1031	3628	2464	1673	2351	3843	3466	1365	1320	340	373	872	7447	316	469

INTRODUCTION

Beetles represent the most diverse group of living organisms on earth. More than 250 000 species have been described, and the actual number may easily exceed a million. Given such staggering figures, it is not surprising that Coleoptera can be found nearly everywhere, from the tropics to the Arctic and from caves to the summit of high mountains. Coleoptera species are particularly abundant on vegetation, inside rotten wood, under the bark of dead trees, and in soil, ground litter, fungi, dung, carrion, rodent burrows, and nests. Several groups are adapted to life in fresh or brackish water. Although some dytiscids can venture into salt water and some species do complete all stages of their life cycle in the intertidal zone where they are periodically immersed, no beetles have become completely adapted to marine life. Beetles are important to humans because many species are beneficial in the biological control of pest arthropods and weeds or are major pests of stored products, fabrics, forests, wood products, and crops.

No comprehensive checklist of Coleoptera is available for Canada and Alaska. Leng's catalogue (1920) and its supplements (Leng and Mutchler 1927, 1933; Blackwelder 1939*a*; Blackwelder and Blackwelder 1948) as well as the world-based *Coleopterorum Catalogus* list most of the species that occur in Canada and Alaska. However, these publications are out of date for many groups, and their distribution data are incomplete. Beaulne (1913-1929) started a checklist of the beetles of Canada but never completed it, and as pointed out by Lindroth (1966) for the ground beetles, many of Beaulne's distributional records are inaccurate.

This checklist is intended to provide the correct names of the beetles that occur in Canada and Alaska, give a brief survey of the distribution of the taxa in the area covered, and lead the users to the proper publications for the identification of the taxa. The checklist of Strepsiptera has been added at the end simply because the group has often been included in the Coleoptera.

FORMAT

With some exceptions reflecting the author's personal perspective, the concept of the families used in this checklist follows that of Lawrence (1982*a*). Major changes concern the trachypachids, limulodids, scaphidiids, lyctids, lagriids, pedilids, rhynchitids, scolytids, and platypodids, which are treated as distinct families, and the leptinids, trogids, and geotrupids, which are included respectively within the Leiodidae and the Scarabaeidae for the last two groups. The superfamily concepts and the listing of the families follow Lawrence (1982*a*).

The classification and information for each family are the responsibility of the respective authors. No new taxa, combinations, or synonyms are proposed. Variety and form names published before 1961 are given subspecific rank unless they were deemed to be synonyms or their status has been changed (article 45 (g) of the International Code of Zoological Nomenclature, 3rd ed.). Varieties and forms published after 1960 are omitted. New distributional records are listed but not identified as such.

The authors of species-group names are listed in parentheses when the original combination differs from the one used in the checklist. To avoid confusion, initials are included for several authors, such as C.R. Sahlberg, R.F. Sahlberg, J.R. Sahlberg, J. Müller, O.F. Müller, W. Horn, J.E. LeConte, and O. Fabricius. LeConte, Horn, and Fabricius stand for J.L. LeConte, G. Horn, and J.C. Fabricius respectively. An asterisk [*] placed after a species-group name indicates that the taxon is Holarctic, a dagger [†] that it is introduced in North America, and a double dagger [‡] that it is *probably* introduced in North America.

All synonyms based on material collected in North America north of Mexico should be included and are listed in italics. Synonyms of Holarctic and introduced species based on material from outside North America have been included occasionally, particularly when the name has been in use in North American literature. Misidentifications, spelling errors, and invalid emendations are not listed. The ending of all species-group names has been checked to conform with the gender of their respective genera.

Valid genus-group names are in capital letters, their synonyms in italics. All synonyms of genus-group names whose type species are indigenous to North America north of Mexico should be included. Some of the synonyms whose type species are not indigenous to the continent are included also when the name has been used in North American literature.

References to keys are indicated under the corresponding supraspecific taxon. It should be noted that only references including keys useful for the determination of all or most Canadian taxa of the group treated are considered. Keys published before the 1930s are usually out of date, and most of them are therefore omitted.

An abbreviation of two letters is used to indicate Canadian provinces and Alaskan records (see section entitled "Abbreviations and symbols"). Labrador is considered to be a distinct geographic entity. The distributional citation in the checklist is from west to east.

The distributional records are based on published records and on specimens in the Canadian National Collection. For some families, records from other collections have been included. Doubtful records from the literature that apparently are based on misidentifications or mislabeled specimens are rejected.

A question mark (?) inserted in a geographic column indicates that the taxon was recorded in the area, but the record is questionable. The absence of a geographic entry after a species-group name indicates that the taxon was recorded in Canada, but the province was not specified.

SUBSEQUENT REVISIONS OF THE CHECKLIST

This publication is set as a data base that can be easily updated to maintain an accurate summary of our current knowledge of the beetles of Canada and Alaska. The authors intend to maintain a corrected version of the checklist and to republish it whenever we have accumulated enough changes. The authors would appreciate the assistance of all users of this checklist in calling errors and omissions to their attention. We would also welcome receiving specimens that represent new provincial or Alaskan records. Specialists and other users may send material to the Biosystematics Research Centre for confirmation, and with the sender's permission, for incorporation as voucher specimens in the Canadian National Collection.

ABBREVIATIONS AND SYMBOLS

AB	Alberta
AK	Alaska
BC	British Columbia
LB	Labrador
MB	Manitoba
NB	New Brunswick
NF	Newfoundland
NS	Nova Scotia
NT	Northwest Territories
ON	Ontario
PE	Prince Edward Island
PQ	Quebec
SK	Saskatchewan
YK	Yukon Territory
H	Holarctic
I	Introduced in North America

*	Holarctic
†	Introduced in North America
‡	Probably introduced in North America
§	No subgeneric name available

Order Coleoptera

Suborder Archostemata

Family CUPEDIDAE reticulated beetles

J.M. Campbell

Three species of Cupedidae occur in Canada. This small, primitive family of beetles contains only 30 extant species around the world, but it is well represented by fossils dating back to the early Triassic. Little is known about the biology of the species–the larvae apparently bore into wood, and the adults are collected from foliage or under bark.

The family Cupedidae is well known taxonomically. Atkins (1963) revised the world species, and Neboiss (1984) the species of *Cupes*. Ponomarenko (1969) discussed the fossil origins of the Coleoptera with particular reference to the suborder Archostemata and the family Cupedidae, reviewing the fossil and extant species of the family. Atkins (1979) cataloged the North American taxa of the family.

BC (1); ON (2); PQ (1)

Subfamily CUPEDINAE

Tribe Priacmini

Genus PRIACMA LeConte

P. serrata (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Tribe Cupedini

Genus CUPES Fabricius

C. capitatus Fabricius	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Genus TENOMERGA Neboiss

T. concolor (Westwood) *cinerea* (Say) *oculata* (Casey) *trilineata* (Melsheimer)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Family MICROMALTHIDAE telephone-pole beetles

J.M. Campbell

This family contains only one species, which was described from the eastern United States but has subsequently become established in western Canada, Cuba, Brazil, Hawaii, Hong Kong, and South Africa. The larvae are wood borers and are found in decaying oak logs and in moist, creosote-treated timbers and poles. The life cycle of *Micromalthus debilis* is one of the most complex known to occur in Coleoptera. The larvae are paedogenetic, producing either living larvae or a single egg that develops through a different larval type to produce an adult male (Pringle 1938).

Atkins (1982) cataloged the species for North America.

BC (1)

Genus MICROMALTHUS LeConte

M. debilis LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Suborder Adephaga

Family RHYSODIDAE wrinkled bark beetles

Y. Bousquet

The family Rhysodidae includes only two species in Canada. The adults are cylindrical, elongate beetles resembling in habitus some species of the families Colydiidae or Cucujidae. Both adults and larvae live under the bark of dead trees and in rotting wood.

Bell (1970) revised the North American species.
BC (1); ON (1)

Genus OMOGLYMMIUS Ganglbauer Key to species: Bell and Bell (1982)														
(Subgenus BOREOGLYMMIUS Bell & Bell)														
O. americanus (Castelnau) *aratus* (Newman) *exaratus* (Audinet–Serville)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
Genus CLINIDIUM Kirby Key to North American species: Bell and Bell (1975)														
(Subgenus ARCTOCLINIDIUM Bell)														
C. calcaratum LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Family TRACHYPACHIDAE

Y. Bousquet

This family includes two genera: *Trachypachus*, which has three species in western North America and one species in Eurasia, and *Systolosoma* Solier, which has two species in Chile. Members of *Trachypachus* are usually found on dry, more or less shaded soil, often under dead leaves. Nothing is known about their feeding habits.

This group has been included within the Carabidae for a long time. During the last two decades, however, some authors have highlighted many character states that suggest that *Trachypachus* and *Systolosoma* are more closely related to Hydradephaga than to Carabidae (see Kavanaugh (1986) for a different point of view). Lindroth (1961) has redescribed the two species that inhabit Canada.

AK (1); YK (1); NT (1); BC (2); AB (1); SK (1)

Genus TRACHYPACHUS Motschulsky														
T. holmbergi Mannerheim *inermis* Motschulsky *oregonus* Casey *specularis* Casey	AK	YK	NT	BC	AB	SK	–	–	–	–	–	–	–	–
T. gibbsii LeConte *alticola* Casey *californicus* Motschulsky	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Family CARABIDAE ground beetles

Y. Bousquet

With 946 species and subspecies in Canada and Alaska, the family Carabidae is an important element of the Coleoptera fauna in the northern part of North America. In Canada and Alaska members of these species occur in most terrestrial habitats as well as in marshes and bogs; a few species live on trees. Adults of most species are carnivorous or omnivorous; only those of a few groups seem to be primarily phytophagous; larvae of most species are probably carnivorous, but those of a few groups are known to be phytophagous or parasitic.

The Carabidae of North America are here grouped in 36 tribes. The classification used is basically that of Lindroth (1961-1969), with a few modifications reflecting recent taxonomic developments in the family. In recent years, some authors have included the rhysodids within Carabidae, but based on larval characters I prefer to exclude them; on the other hand, some others consider the cicindelids to be a distinct family, a view with which I do not agree. Thanks to the work of Wallis (1961) for tiger beetles and Lindroth (1961-1969), the carabid fauna of Canada and Alaska is well known taxonomically. Bell (1990) recently published a key to the North American genera.

AK (237); YK (164); NT (207); BC (483); AB (386); SK (314); MB (350); ON (503); PQ (451); NB (243); NS (244); PE (137); LB (94); NF (175) • H (84); I (46)

Tribe Cicindelini

Genus OMUS Eschscholtz														
Leptomus Casey														
Megomus Casey														
O. audouini audouini Reiche	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
aequicornis Casey														
audens Casey														
borealis Casey														
delicatulus Casey														
distans Casey														
oregonensis Casey														
parvulus Casey														
rugipennis Casey														
tacomae Casey														
thoracicus Casey														
vandykei W. Horn														
O. dejeani Reiche	–	–	–	BC	–	–	–	–	–	–	–	–	–	
foveatus Casey														
robustus Casey														
Genus CICINDELA Linné														
(Subgenus CICINDELA s. str.)														
(*Pachydela* Rivalier)														
(*Tribonia* Rivalier)														
C. ancocisconensis Harris	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
carolinae Casey														
dowiana Casey														
eriensis Casey														
C. decemnotata Say	–	YK	–	BC	AB	SK	–	–	–	–	–	–	–	–
albertina Casey														
lantzi Harris														
C. depressula depressula Casey	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
scapularis Casey														
C. duodecimguttata Dejean	–	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF
bucolica Casey														
edmontonensis Carr														
hudsonica Casey														
proteus Kirby														
C. formosa formosa Say	–	–	–	–	AB	SK	–	–	–	–	–	–	–	–
fletcheri Criddle														
luxuriosa Casey														
manitoba Leng														

C. formosa generosa Dejean	–	–	–	–	–	SK	MB	ON	PQ	–	–	–	–	–
latecincta Gould														
C. formosa gibsoni Brown	–	–	–	–	–	SK	–	–	–	–	–	–	–	–
C. fulgida westbournei Calder	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
elegans Calder														
C. hirticollis athabascensis Graves	–	–	–	–	AB	SK	–	–	–	–	–	–	–	–
C. hirticollis couleensis Graves	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
C. hirticollis rhodensis Calder	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	LB	NF
nigrita Davis														
shermani Casey														
C. hirticollis shelfordi Graves	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
C. lengi versuta Casey	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–
C. limbalis limbalis Klug	–	–	NT	BC	AB	SK	MB	ON	PQ	–	NS	–	–	NF
amoena LeConte														
awemeana Casey														
eldorensis Casey														
militaris Varas-Arangua														
spreta LeConte														
C. limbata hyperborea LeConte	–	–	NT	–	AB	SK	MB	–	–	–	–	–	LB	–
C. limbata nympha Casey	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
C. longilabris longilabris Say	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF
albilabris Kirby														
novaterrae Leng														
terracensis Casey														
C. nebraskana nebraskana Casey	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–
calgaryana Casey														
canadensis Casey														
chamberlaini Knaus														
montana LeConte														
spissitarsis Casey														
uteana Casey														
C. oregona guttifera LeConte	AK	YK	NT	BC	AB	–	–	–	–	–	–	–	–	–
audax Casey														
oregonella Casey														
sterope Casey														
C. oregona oregona LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
ovalipennis Casey														
quadripennis Casey														
sonoma Casey														
C. parowana wallisi Calder	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
azurea Calder														
C. patruela patruela Dejean	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
C. pugetana Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
nigerrimoides Hatch														
C. purpurea audubonii LeConte	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–
auguralis Casey														
graminea Schaupp														
nigerrima Leng														
C. purpurea purpurea Olivier	–	–	–	BC	–	–	–	ON	PQ	–	NS	–	–	–
marginalis Fabricius														
ramosa Gistel														
C. repanda novascotiae Vaurie	–	–	–	–	–	–	–	–	PQ	NB	NS	PE	–	–
C. repanda repanda Dejean	–	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF
baltimorensis Herbst														
duncani Knaus														
hoosieri Mares														
maehleri Robinson														
unijuncta Casey														
C. scutelaris criddlei Casey	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
C. scutelaris lecontei Haldeman	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
C. scutelaris scutelaris Say	–	–	–	–	AB	SK	–	–	–	–	–	–	–	–
C. sexguttata denikei Brown	–	–	–	–	–	–	MB	ON	–	–	–	–	–	–
C. sexguttata sexguttata Fabricius	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
guttata Emmons														
harrisii Leng														
illinoensis Mares														
kansana Knaus														
levettei Casey														
quadriguttata Davis														
tridens Casey														
varians Ljungh														
violacea Fabricius														

C. tranquebarica borealis Harris	–	–	NT	BC	–	–	–	–	–	–	–	–	–	–
C. tranquebarica kirbyi LeConte	–	–	NT	–	AB	SK	MB	–	–	–	–	–	–	–
C. tranquebarica roguensis Harris	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. tranquebarica tranquebarica Herbst	–	–	–	–	AB	SK	MB	ON	PQ	NB	NS	PE	–	NF
crinifrons Casey														
horiconensis Leng														
minor Leng														
obliquata Dejean														
turbulenta Casey														
viridula Varas–Arangua														
vulgaris Say														
vulgarisminor Harris														
wichitana Casey														
C. tranquebarica vibex Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

(Subgenus CICINDELIDIA Rivalier)

C. punctulata punctulata Olivier	–	–	–	–	AB	SK	MB	ON	PQ	NB	–	–	–	–
boulderensis Casey														
chihuahuae Bates														
fontinaria Casey														
jenisoni Gistel														
prolixa Casey														

(Subgenus CYLINDERA Westwood)
(*Plectographa* Rivalier)

C. terricola cinctipennis LeConte	–	YK	–	–	AB	SK	–	–	–	–	–	–	–	–
cyanella LeConte														
C. terricola imperfecta LeConte	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
C. terricola terricola Say	–	–	–	–	–	SK	MB	–	–	–	–	–	–	–
pusilla Say														
sayanella Casey														

(Subgenus ELLIPSOPTERA Dohktourow)

C. cuprascens LeConte	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
amnicola Casey														
mundula Casey														
C. lepida Dejean	–	–	–	–	AB	SK	MB	ON	PQ	–	–	–	–	–
insomnis Casey														
C. nevadica knausi Leng	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–

Tribe Carabini

Genus CALOSOMA Weber
Key to North American species: Gidaspow (1959)

(Subgenus CALOSOMA s. str.)
(*Callipara* Motschulsky)
(*Syncalosoma* Breuning)

C. frigidum Kirby	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	–
levettei Casey														

(Subgenus CALODREPA Motschulsky)

C. scrutator (Fabricius)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
C. wilcoxi LeConte	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

(Subgenus CALLITROPA Motschulsky)
(*Paratropa* Vacher de Lapouge)

C. externum (Say)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
longipenne Dejean														

(Subgenus CHRYSOSTIGMA Kirby)
(*Lyperostenia* Vacher de Lapouge)
(*Tapinosthenes* Kolbe)

C. calidum (Fabricius)	–	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
comes Casey														
concretum Casey														
expansum Casey														
laticolle Casey														
stellatum Casey														

C. cancellatum Eschscholtz	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
aenescens LeConte														
esuriens Casey														
praestans Casey														
rectilaterum Casey														
sagax Casey														
transversum Casey														
C. lepidum LeConte	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
C. obsoletum Say	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
microstictum Casey														
C. tepidum LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
caelator Casey														
cogitans Casey														
indigens Casey														
irregulare Walker														
pellax Casey														
semicupreum Casey														
(Subgenus CALLISTHENES Fischer von Waldheim)														
(*Callistenia* Vacher de Lapouge)														
(*Isostenia* Vacher de Lapouge)														
C. luxatum Say	–	–	–	BC	AB	SK	–	–	–	–	–	–	–	–
debile (Casey)														
diffractum (Casey)														
exaratum (Casey)														
opacum (Géhin)														
parowanum (Casey)														
pimelioides (Walker)														
pustulosum (Casey)														
reflexum (Casey)														
semotum (Casey)														
striatulum LeConte														
striatum Breuning														
tahoense Van Dyke														
tegulatum (Casey)														
utense (Casey)														
viator (Casey)														
(?) *zimmermani* (LeConte)														
C. moniliatum (LeConte)	–	–	–	BC	AB	SK	–	–	–	–	–	–	–	–
bicolor (Walker)														
concinnum (Casey)														
laqueatum LeConte														
vancouvericum (Csiki)														
C. monticola (Casey)	–	–	–	?	–	–	–	–	–	–	–	–	–	–
nevadense (Casey)														
C. subaeneum Chaudoir	–	–	–	?	–	–	–	–	–	–	–	–	–	–
C. wilkesii (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Genus CARABUS Linné														
(Subgenus CARABUS s. str.)														
(*Cryocarabus* Vacher de Lapouge)														
(*Homoeocarabus* Reitter)														
(*Lichnocarabus* Reitter)														
(*Neocarabus* Hatch)														
C. chamissonis Fischer von Waldheim	AK	YK	NT	–	AB	SK	MB	ON	PQ	–	–	–	LB	–
brachyderus Wiedemann														
groenlandicus Dejean														
washingtoni Casey														
C. goryi Dejean	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
clarkei Blumenthal														
limbatus Say														
C. granulatus granulatus Linné†	–	–	–	BC	AB	–	MB	ON	PQ	–	–	–	–	–
C. granulatus hibernicus Lindroth†	–	–	–	–	–	–	–	–	–	NB	NS	–	–	NF
C. maeander maeander Fischer von Waldheim*	AK	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF
atlanticus Vacher de Lapouge														
excatenatus Kraatz														
excostatus Kraatz														
hudsonicus Motschulsky														

lapilayi Castelnau														
lecontei Géhin														
simoni Heyden														
C. nemoralis O.F. Müller†	–	–	–	BC	AB	SK	–	ON	PQ	NB	NS	PE	–	NF
canadensis Vacher de Lapouge														
C. vinctus Weber	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
carinatus Dejean														
georgiae Csiki														
interruptus Say														
ligatus Germar														
(Subgenus DIOCARABUS Reitter)														
C. taedatus agassii LeConte	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	–	–	–	NF
canadicus Roescke														
coloradensis Breuning														
gladiator Motschulsky														
montanicus Casey														
oregonensis LeConte														
patulicollis Casey														
stocktonensis Casey														
C. taedatus taedatus Fabricius	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
baccivorus Fischer von Waldheim														
bicanaliceps Casey														
franciscanus Casey														
rainieri Van Dyke														
seriatus Wiedemann														
C. truncaticollis truncaticollis Eschscholtz	AK	YK	NT	–	–	–	–	–	–	–	–	–	–	–
alaskensis Basilewsky														
lutshnikianus Basilewsky														
(Subgenus HEMICARABUS Géhin)														
C. serratus Say	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	NF
canadensis LeConte														
lineatopunctatus Dejean														
tatumi Motschulsky														
vegasensis Casey														
(Subgenus TANAOCARABUS Reitter)														
C. sylvosus sylvosus Say	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
lherminieri Dejean														
(Subgenus MEGODONTUS Solier)														
C. vietinghoffii vietinghoffii Adams*	AK	YK	NT	–	–	–	–	–	–	–	–	–	–	–

Tribe Cychrini

Genus SPHAERODERUS Dejean														
S. canadensis canadensis Chaudoir	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
blanchardi Leng														
palpalis Motschulsky														
S. lecontei lecontei Dejean	–	–	–	–	–	–	MB	ON	PQ	NB	NS	PE	–	NF
bicarinatus LeConte														
diffractus Casey														
niagarensis Castelnau														
S. nitidicollis brevoorti LeConte	–	–	–	–	–	SK	MB	ON	PQ	–	NS	–	–	–
granulosus Chaudoir														
S. nitidicollis nitidicollis Chevrolat	–	–	–	–	–	–	–	–	PQ	–	–	–	–	NF
Genus SCAPHINOTUS Dejean														
(Subgenus SCAPHINOTUS s. str.)														
(*Anabolus* Gistel)														
(*Irichroa* Newman)														
(*Megaliridia* Casey)														
S. elevatus coloradensis Van Dyke	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
S. viduus (Dejean)	–	–	–	–	–	–	–	–	PQ	NB	–	–	–	–
irregularis Beutenmuller														
leonardii (Harris)														

(Subgenus NOMARETUS LeConte)														
Key to species: Gidaspow (1973)														
S. bilobus (Say)	–	–	–	–	–	–	MB	ON	PQ	NB	NS	–	–	–
(Subgenus PSEUDONOMARETUS Roeschke)														
Key to species: Gidaspow (1973)														
S. merkelii (Horn)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
idahoensis (Webb)														
S. regularis (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
S. relictus (Horn)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
(Subgenus STENOCANTHARUS Gistel)														
(*Pemphus* Motschulsky)														
Key to species: Gidaspow (1973)														
S. angusticollis (Fischer von Waldheim)	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
longipes Casey														
nigripennis Roeschke														
opacus Casey														
velutinus Ménétries														
(Subgenus NEOCYCHRUS Roeschke)														
Key to species: Gidaspow (1973)														
S. angulatus (Harris)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
maritimus Van Dyke														
(Subgenus BRENNUS Motschulsky)														
Key to species: Gidaspow (1968)														
S. johnsoni Van Dyke	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
klahowyae Perrault														
S. marginatus (Fischer von Waldheim)	AK	–	–	BC	AB	–	–	–	–	–	–	–	–	–
columbianus (Casey)														
confusus (Casey)														
cupripennis (Casey)														
fallax (Roeschke)														
fulleri (Horn)														
gracilis (Géhin)														
insularis (Casey)														
montanicus (Casey)														
oregonus (Casey)														
wrangelli (Casey)														
Genus CYCHRUS Fabricius														
Key to North American species: Gidaspow (1973)														
C. rickseckeri LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. tuberculatus Harris	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
pustulosus Casey														

Tribe Nebriini

Genus LEISTUS Frölich														
Key to North American species: Erwin (1970*a*)														
(Subgenus LEISTUS s. str.)														
L. ferrugineus (Linné)†	–	–	–	–	–	–	–	–	–	–	–	–	–	NF
(Subgenus NEOLEISTUS Erwin)														
L. ferruginosus Mannerheim	AK	–	–	BC	AB	–	–	–	–	–	–	–	–	–
ferrugineus Dejean														
nigropiceus Casey														
Genus PELOPHILA Dejean														
P. borealis (Paykull)*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	–	–	LB	NF
californica Motschulsky														
eschscholtzi (Mannerheim)														
shermani Casey														
ulkei Horn														
P. rudis (LeConte)	–	–	NT	BC	AB	–	MB	ON	–	–	–	–	–	NF

Genus NEBRIA Latreille

N. acuta acuta Lindroth	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
N. arkansana edwardsi Kavanaugh	–	YK	–	BC	AB	–	–	–	–	–	–	–	–	–
N. brevicollis (Fabricius)†	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
N. campbelli Kavanaugh	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
N. charlottae Lindroth	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
N. crassicornis crassicornis Van Dyke	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
N. crassicornis intermedia Van Dyke	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
N. diversa LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
livida LeConte														
townsendi Casey														
N. frigida R.F. Sahlberg*	AK	YK	NT	BC	–	–	–	–	–	–	–	–	–	–
parvula J. Sahlberg														
reducta Casey														
viridis Horn														
N. gebleri cascadensis Kavanaugh	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
N. gebleri gebleri Dejean	AK	–	–	BC	AB	–	–	–	–	–	–	–	–	–
melanaria Hatch														
N. gouleti Kavanaugh	–	–	–	–	?	–	–	–	–	–	–	–	–	–
N. gregaria Fischer von Waldheim	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
cuneata Casey														
N. gyllenhali castanipes (Kirby)*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	–	–	LB	NF
curtulata Casey														
(?) *elias* Motschulsky														
labradorica Casey														
moesta LeConte														
prominens Casey														
N. haida Kavanaugh	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
N. hudsonica LeConte	–	YK	NT	BC	AB	SK	MB	–	–	–	–	–	–	–
N. kincaidi kincaidi Schwarz	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
columbiana Casey														
N. lacustris lacustris Casey	–	–	–	–	–	–	MB	ON	PQ	NB	–	–	–	–
expansa Casey														
N. lituyae Kavanaugh	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
N. louiseae Kavanaugh	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
N. mannerheimii Fischer von Waldheim	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
corvallis Casey														
hippisleyi Casey														
oregona Casey														
N. meanyi meanyi Van Dyke	AK	YK	–	BC	–	–	–	–	–	–	–	–	–	–
N. meanyi sylvatica Kavanaugh	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
N. metallica Fischer von Waldheim	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
pacifica Chaudoir														
N. nivalis gaspesiana Kavanaugh	–	–	–	–	–	–	–	–	PQ	–	–	–	LB	NF
N. nivalis nivalis (Paykull)*	AK	YK	NT	–	–	–	–	–	PQ	–	–	–	–	–
bifaria Mannerheim														
mollis Motschulsky														
N. obliqua obliqua LeConte	AK	YK	–	BC	AB	SK	–	–	–	–	–	–	–	–
incerta Casey														
obtusa LeConte														
testaceipes Casey														
texana Casey														
N. pallipes Say	–	–	–	–	–	–	–	ON	PQ	NB	NS	PE	–	–
N. piperi Van Dyke	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
N. sahlbergii sahlbergii Fischer von Waldheim	AK	YK	–	BC	AB	–	–	–	–	–	–	–	–	–
aleuta Van Dyke														
violacea Motschulsky														
N. schwarzi schwarzi Van Dyke	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
N. suturalis LeConte	–	–	–	–	–	–	–	ON	PQ	–	–	–	LB	–
longula LeConte														
nimbosa Casey														
N. virescens Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
brevis Casey														

Tribe Notiophilini

Genus NOTIOPHILUS Duméril

N. aeneus (Herbst)	–	–	–	–	–	–	–	ON	PQ	NB	NS	PE	–	–
porrectus Say														
N. aquaticus (Linné)*	AK	YK	–	BC	AB	SK	MB	ON	PQ	NB	NS	–	LB	NF
hardyi Putzeys														
N. biguttatus (Fabricius)†	–	–	–	BC	–	–	–	–	–	NB	NS	–	–	NF
N. borealis Harris*	AK	YK	NT	BC	AB	–	MB	ON	PQ	–	–	–	LB	NF
N. directus Casey	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
lanei Hatch														
N. intermedius Lindroth	AK	–	–	BC	–	–	MB	–	PQ	–	–	–	LB	NF
N. nitens LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
N. semistriatus Say	AK	YK	–	BC	AB	–	MB	ON	PQ	–	NS	–	LB	–
americanus Harris														
coloradensis Casey														
confusus LeConte														
punctatus LeConte														
N. simulator Fall	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
evanescens Casey														
N. sylvaticus Eschscholtz	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–

Tribe Loricerini

Genus LORICERA Latreille
Key to species: Ball and Erwin (1969)

(Subgenus LORICERA s. str.)

L. decempunctata Eschscholtz	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
L. pilicornis congesta Mannerheim*	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
L. pilicornis pilicornis (Fabricius)*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF
californica LeConte														
neoscotica LeConte														
semipunctata Eschscholtz														
sierrae Van Dyke														
uteana Casey														

Tribe Opisthiini

Genus OPISTHIUS Kirby

O. richardsoni Kirby	AK	YK	NT	BC	AB	SK	–	–	–	–	–	–	–	–

Tribe Elaphrini

Genus DIACHEILA Motschulsky
Arctobia C.G. Thomson

D. arctica amoena (Faldermann)*	AK	–	NT	–	–	–	–	–	–	–	–	–	LB	–
americana Motschulsky														
subpolaris LeConte														
D. polita (Faldermann)*	AK	YK	NT	–	–	–	–	–	–	–	–	–	–	–

Genus BLETHISA Bonelli
Helobium Leach
Rhaphiona Fischer von Waldheim
Key to species: Goulet and Smetana (1983)

B. catenaria W.J. Brown*	AK	YK	NT	–	–	–	MB	–	–	–	–	–	–	–
B. inexspectata Goulet and Smetana	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
B. julii LeConte	–	–	NT	–	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
B. multipunctata aurata Fischer von Waldheim*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	NF
hudsonica Casey														
B. oregonenis LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
acutangula Chaudoir														
columbica Casey														
B. quadricollis Haldeman	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF
americana Harris														

Genus ELAPHRUS Fabricius
Key to species: Goulet (1983)

(Subgenus ARCTELAPHRUS Semenov)

E. lapponicus lapponicus Gyllenhal*	AK	YK	NT	BC	AB	–	MB	ON	PQ	–	–	–	LB	–
obscurior Kirby														
E. lapponicus obliteratus Mannerheim	AK	–	–	–	–	–	–	–	–	–	–	–	–	–

(Subgenus NEOELAPHRUS Hatch)

E. cicatricosus LeConte	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
rhodeanus Casey														
E. clairvillei Kirby	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF
frosti Hippisley														
lynni Pierce														
politus LeConte														
torreyensis Tanner														
E. fuliginosus Say	–	–	–	–	AB	–	MB	ON	PQ	–	–	–	–	–
E. olivaceus LeConte	–	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	NF

(Subgenus ELAPHRUS s. str.)
(*Trichelaphrus* Semenov)

E. americanus americanus Dejean	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF
bituberosus Casey														
gratiosus Mannerheim														
intermedius Kirby														
punctatissimus LeConte														
sinuatus LeConte														
E. americanus sylvanus Goulet	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
E. californicus Mannerheim	AK	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	–
hesperius Casey														
similis LeConte														
E. lecontei Crotch	–	–	NT	BC	AB	SK	MB	ON	–	–	–	–	–	–
devinctus Casey														
spissicornis Casey														
E. parviceps Van Dyke*	AK	–	NT	–	–	–	MB	ON	–	–	–	–	–	–
E. ruscarius Say	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
texanus Casey														
E. tuberculatus Mäklin*	AK	YK	NT	–	–	–	–	–	–	–	–	–	–	–

(Subgenus ELAPHROTERUS Semenov)
(*Elaphrotatus* Semenov)

E. angusticollis angusticollis R.F. Sahlberg*	AK	YK	NT	–	–	–	–	–	–	–	–	–	–	–
E. purpurans Hausen	AK	YK	NT	BC	AB	–	–	–	–	–	–	–	–	–
pallipes Horn														

Tribe Omophronini

Genus OMOPHRON Latreille
Key to North American species: Benschoter and Cook (1956)

O. americanus Dejean	–	–	–	–	AB	SK	MB	ON	PQ	NB	NS	PE	–	NF
fontinalis Casey														
illustris Casey														
iridescens Casey														
lacustris Casey														
lengi Casey														
proximus Chandler														
saii Kirby														
tanneri Chandler														
texanus Casey														
O. labiatus (Fabricius)	–	–	–	–	–	–	–	–	–	–	NS	–	–	–
O. ovalis Horn	–	–	–	BC	AB	SK	–	–	–	–	–	–	–	–
concinnus Casey														
frater Casey														
gemma Casey														
O. robustus Horn	–	–	–	–	AB	–	–	ON	–	–	–	–	–	–
brevipennis Casey														
decoloratus Fall														

O. tesselatus Say *ellipticus* Casey *lecontei* Dejean	–	–	–	–	AB	SK	MB	ON	PQ	NB	NS	PE	–	–

Tribe Promecognathini

Genus PROMECOGNATHUS Chaudoir

P. crassus LeConte *contractus* Casey *corpulentus* Casey *grandiceps* Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Tribe Scaritini

Genus SCARITES Fabricius

S. subterraneus Fabricius *beckwithii* Stephens *denticollis* Chaudoir *interruptus* (Herbst) *spinipes* (Sulzer) *subterreus* Bonelli	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Genus PASIMACHUS Bonelli

P. elongatus LeConte *angustulus* Casey *evanescens* Casey *pimalis* Casey *vegasensis* Casey *vernicatus* Casey	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–

Tribe Clivinini

Genus DYSCHIRIUS Bonelli
Key to North American species: Bousquet (1988)

(Subgenus AKEPHORUS LeConte)

D. obesus LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

(Subgenus DYSCHIRIUS s. str.)

D. affinis Fall *duplicatus* Fall	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
D. alticola Lindroth	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
D. aratus LeConte	–	–	–	BC	AB	–	MB	–	–	–	–	–	–	–
D. brevispinus LeConte	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
D. campicola Lindroth	–	–	–	–	AB	–	MB	–	–	–	–	–	–	–
D. compactus Lindroth	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
D. criddlei Fall	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
D. erythrocerus LeConte	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
D. frigidus Mannerheim *aeneolus* LeConte	AK	YK	NT	BC	–	–	–	ON	PQ	–	–	–	LB	–
D. globulosus (Say) *parvus* LeConte	AK	YK	–	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
D. haemorrhoidalis (Dejean)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
D. hiemalis Bousquet	AK	–	NT	BC	AB	–	MB	ON	PQ	–	–	–	LB	–
D. integer LeConte *apicalis* LeConte *basalis* LeConte *nigripes* LeConte *transmarinus* Mannerheim	AK	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	NF
D. interior Fall *arizonicus* Van Dyke	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
D. laevifasciatus Horn	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
D. larochellei Bousquet	–	–	–	–	–	–	–	–	–	NB	NS	–	–	NF
D. longulus LeConte	–	–	–	BC	AB	SK	MB	–	PQ	–	–	–	–	NF
D. montanus LeConte *thompsoni* Hatch	–	–	–	BC	AB	–	MB	ON	PQ	–	–	–	–	–

D. nigricornis Motschulsky*	AK	YK	NT	–	–	–	–	–	–	–	–	–	–	–
secretus Fall														
D. pacificus Lindroth	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
D. pallipennis (Say)	–	–	–	–	AB	SK	–	ON	PQ	–	–	–	–	–
D. perversus Fall	–	–	–	–	AB	–	MB	–	–	–	–	–	–	–
desertus Fall														
D. pilosus LeConte	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
hispidus LeConte														
D. planatus Lindroth	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
D. politus (Dejean)*	AK	YK	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	NF
aureolus Notman														
D. quadrimaculatus Lindroth	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
D. sellatus LeConte	–	–	–	–	–	–	–	–	PQ	NB	NS	PE	–	NF
D. setosus LeConte	AK	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	–
alternatus Hatch														
D. sextoni Bousquet	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
D. sphaericollis (Say)	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	NF
subpunctatus Hatch														
D. subarcticus Lindroth	AK	YK	NT	–	–	–	–	–	–	–	–	–	–	–
D. tenuispinus Lindroth	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
D. timidus Lindroth	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
D. truncatus LeConte	AK	–	NT	BC	AB	SK	MB	–	–	–	–	–	–	–

Genus CLIVINA Latreille

(Subgenus SEMICLIVINA Kult)

C. dentipes Dejean	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
corvina Putzeys														
confusa LeConte														
fissipes Putzeys														
georgiana LeConte														

(Subgenus PARACLIVINA Kult)

C. bipustulata (Fabricius)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
quadrimaculata (Palisot de Beauvois)														

(Subgenus CLIVINA s. str.)

C. americana Dejean	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
acuducta Haldeman														
cordata Putzeys														
ludoviciana Putzeys														
C. collaris (Herbst)†	–	–	–	BC	–	–	MB	ON	PQ	–	–	–	–	–
elongata Randall														
randalli LeConte														
C. fossor (Linné)†	–	–	–	BC	AB	–	–	ON	PQ	NB	NS	PE	–	NF
C. impressifrons LeConte	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
C. oregona Fall	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus SCHIZOGENIUS Putzeys
Key to North American species: Whitehead (1972)

(Subgenus SCHIZOGENIUS s. str.)

S. amphibius (Haldeman)	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
frontalis (LeConte)														
S. depressus LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
S. ferrugineus Putzeys	–	–	–	–	–	SK	–	ON	PQ	–	–	–	–	–
sulcatus (LeConte)														
S. lineolatus (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
S. litigiosus Fall	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
S. sulcifrons Putzeys	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–

Tribe Brachinini

Genus BRACHINUS Weber
Key to North American species: Erwin (1970*b*)

(Subgenus NEOBRACHINUS Erwin)

B. cordicollis Dejean	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
gracilis Blatchley														
leptocerus Chaudoir														
velox LeConte														

B. cyanipennis Say	–	–	–	–	–	–	MB	ON	PQ	NB	–	–	–	–
cephalotes Dejean														
rejectus LeConte														
B. cyanochroaticus Erwin	–	–	–	BC	–	SK	MB	ON	PQ	–	–	–	–	–
B. fumans (Fabricius)	–	–	–	BC	AB	–	MB	ON	PQ	–	–	–	–	–
affinis LeConte														
amplipennis Bates														
atbarae Stehr														
cyanopterus LeConte														
sufflans LeConte														
tabasconus Bates														
B. janthinipennis (Dejean)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
pumilio LeConte														
B. medius Harris	–	–	–	BC	–	–	–	ON	PQ	–	–	–	–	–
minutus Harris														
B. ovipennis LeConte	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
B. quadripennis Dejean	–	–	–	BC	AB	SK	MB	ON	–	–	–	–	–	–
stygicornis Say														
tschernikhii Mannerheim														
B. tenuicollis LeConte	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
ballistarius LeConte														
similis LeConte														
B. texanus Chaudoir	–	–	–	–	AB	–	–	–	–	–	–	–	–	–

Tribe Paussini

Genus METRIUS Eschscholtz

M. contractus contractus Eschscholtz	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Tribe Gehringiini

Genus GEHRINGIA Darlington

G. olympica Darlington	–	–	NT	BC	AB	–	–	–	–	–	–	–	–	–

Tribe Broscini

Genus BROSCUS Panzer

B. cephalotes (Linné)†	–	–	–	–	–	–	–	–	–	–	NS	PE	–	–

Genus MISCODERA Eschscholtz
Leiochiton Curtis

M. arctica (Paykull)*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	NS	PE	LB	NF
americana Mannerheim														
hardyi Chaudoir														

Genus BROSCODERA Lindroth

B. insignis (Mannerheim)	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus ZACOTUS LeConte

Z. matthewsii LeConte	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
angustus Casey														
fredericki Nunenmacher														
subopacus Hopping														

Tribe Trechini

Genus BLEMUS Dejean
Lasiotrechus Ganglbauer

B. discus (Fabricius)†	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–

Genus TRECHUS Clairville

(Subgenus TRECHUS s. str.)

T. apicalis Motschulsky*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	LB	NF
borealis Schaeffer														
brumalis Casey														
canadensis Putzeys														
fulvus (LeConte)														
micans (LeConte)														
pallescens Casey														
puritanus Casey														
rhodensis Casey														
T. chalybeus Dejean*	AK	–	–	BC	AB	–	–	–	–	–	–	–	–	–
brachyderus Jeannel														
californicus Motschulsky														
tahoensis Casey														
T. crassiscapus Lindroth	–	–	–	–	–	–	–	ON	PQ	–	NS	–	LB	NF
T. obtusus Erichson†	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
T. oregonensis Hatch	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
T. ovipennis Motschulsky	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
T. quadristriatus (Schrank)†	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
T. rubens (Fabricius)†	–	–	–	–	–	–	–	–	PQ	NB	NS	PE	–	NF
T. tenuiscapus Lindroth	–	YK	–	BC	AB	–	–	–	–	–	–	–	–	–

Tribe Bembidiini

Genus ASAPHIDION des Gozis														
Tachypus Dejean														
A. alaskanum Wickham	AK	YK	NT	–	–	–	–	–	–	–	–	–	–	–
A. yukonense Wickham	AK	YK	–	BC	AB	–	–	–	–	–	–	–	–	–
Genus BEMBIDION Latreille														
(Subgenus CHRYSOBRACTEON Netolitzky)														
(*Parabracteon* Notman)														
B. alaskense Lindroth	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
B. balli Lindroth	–	–	–	–	AB	SK	–	–	–	–	–	–	–	–
B. carinula Chaudoir	–	YK	NT	BC	AB	SK	MB	ON	PQ	NB	–	–	LB	NF
tuberculatum Notman														
B. colvillense Lindroth	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
B. foveum Motschulsky*	AK	YK	NT	BC	–	SK	MB	–	–	–	–	–	–	–
bryanti Carr														
(?) *glabriusculum* Motschulsky														
grahami Hatch														
B. hesperium Fall	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
binarium Casey														
B. inaequale inaequale Say	–	–	–	–	–	–	MB	ON	PQ	NB	NS	PE	–	–
arenarium Dejean														
lacustre LeConte														
B. inaequale opaciceps Casey	AK	–	–	BC	AB	SK	–	–	–	–	–	–	–	–
B. lapponicum Zetterstedt*	AK	–	NT	BC	AB	SK	–	–	–	–	–	–	–	–
pugetanum Fall														
B. levettei Casey	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	LB	NF
carrianum Casey														
B. lorquinii Chaudoir	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
tacomae Casey														
B. punctatostriatum Say	–	–	–	BC	AB	SK	–	ON	PQ	NB	–	–	–	–
(?) *sigillare* Say														
stigmaticum Dejean														
B. zephyrum Fall	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
marginosum Casey														
tristiculum Casey														
(Subgenus BRACTEON Bedel)														
B. bowditchii LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
(Subgenus ODONTIUM LeConte)														
B. confusum Hayward	–	–	–	–	AB	SK	MB	ON	PQ	–	–	–	–	–
aeneorubrum Casey														
marquettense Casey														
nitidulum Dejean														

B. coxendix Say	–	–	NT	–	AB	SK	MB	–	–	–	–	–	–	–
snowi Casey														
unicum Casey														
venator Casey														
vigilans Casey														
weesi Hatch & Ortenburger														
(Subgenus PSEUDOPERYPHUS Hatch)														
(*Bracteomimus* Lindroth)														
B. chalceum Dejean	–	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
antiquum Dejean														
dilatatum (LeConte)														
B. honestum Say	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
basale (LeConte)														
platyderum Chaudoir														
(Subgenus OCHTHEDROMUS LeConte)														
B. americanum Dejean	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
illini Casey														
B. bifossulatum (LeConte)	–	–	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
cheyennense Casey														
ferreum Casey														
nuperum Casey														
regestum Casey														
sufflatum Casey														
(Subgenus EURYTRACHELUS Motschulsky)														
(*Eudromus* Kirby)														
(*Platytrachelus* Motschulsky)														
B. interventor Lindroth	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
B. nitidum (Kirby)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
edolatum Casey														
(Subgenus HYDRIUM LeConte)														
B. levigatum Say	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
delawarense Casey														
(Subgenus METALLINA Motschulsky)														
B. dyschirinum LeConte	AK	YK	–	BC	AB	–	–	–	–	–	–	–	–	–
agitabile Casey														
aleneanum Casey														
atrolucens Casey														
keechelum Hatch														
perturbatum Casey														
speculinum Casey														
B. lampros (Herbst)†	–	–	–	BC	–	–	–	–	–	–	–	–	–	NF
B. properans (Stephens)†	–	–	–	–	–	–	–	–	PQ	NB	NS	PE	–	NF
(Subgenus PHYLA Motschulsky)														
B. obtusum Audinet-Serville†	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
(Subgenus LIONEPHA Casey)														
Key to species: Erwin and Kavanaugh (1981)														
B. castum Casey	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
brumale Casey														
nescium Casey														
serenum Casey														
vacivum Casey														
B. disjunctum Lindroth	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
B. erasum LeConte	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
lascivum Casey														
lubricum Casey														
probatum Casey														
B. lindrothellum Erwin & Kavanaugh	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
B. lummi Erwin & Kavanaugh	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
B. sequoiae Lindroth	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
(Subgenus ACTEDIUM Motschulsky)														
B. lachnophoroides Darlington	–	–	–	–	AB	SK	–	–	–	–	–	–	–	–
(Subgenus TRECHONEPHA Casey)														
B. iridescens (LeConte)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–

amicum Casey														
deceptor Casey														
fabrum Casey														
impium Casey														
obliviosum Casey														
parallelocolle (Motschulsky)														
repens Casey														
volatile Casey														
§														
B. simplex Hayward	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
essexense Casey														
§														
B. kuprianovii Mannerheim	AK	YK	NT	BC	AB	–	–	–	–	–	–	–	–	–
adultum Casey														
biimpressum Mannerheim														
bucolicum Casey														
dilutum Casey														
funereum LeConte														
maeklini Hayward														
ovipenne (Motschulsky)														
(Subgenus PLATAPHODES Ganglbauer)														
B. arcticum Lindroth*	AK	YK	–	–	–	–	–	–	–	–	–	–	–	–
B. brachythorax Lindroth*	AK	YK	NT	BC	–	–	–	–	–	–	–	–	–	–
B. complanulum (Mannerheim)	AK	–	–	BC	AB	–	–	–	–	–	–	–	–	–
parvulum Notman														
B. compressum Lindroth*	AK	YK	NT	–	–	–	–	–	–	–	–	–	–	–
B. farrarae Hatch	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
B. haruspex Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
B. incertum (Motschulsky)	AK	YK	?	BC	AB	–	–	–	–	–	–	–	–	–
ampliatum Casey														
blanditum Casey														
(?) *breve* (Motschulsky)														
improvisum Casey														
lividulum Casey														
saturatum Casey														
testatum Casey														
tetraglyptum (Mannerheim)														
B. manningense Lindroth	AK	YK	NT	BC	AB	–	–	–	–	–	–	–	–	–
ochropus Lindroth														
B. occultator Notman	AK	–	–	–	AB	SK	–	ON	PQ	NB	NS	–	LB	NF
B. quadrifoveolatum Mannerheim	AK	YK	–	BC	AB	–	–	–	–	–	–	–	–	–
illex Casey														
B. rosslandicum Lindroth	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
B. viator Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
(Subgenus PLATAPHUS Motschulsky)														
(*Melomalus* Casey)														
(*Micromelomalus* Casey)														
(*Trachelonepha* Casey)														
B. basicorne Notman	–	–	–	–	–	–	–	–	PQ	–	NS	–	–	–
B. carolinense Casey	–	–	–	–	–	–	–	–	PQ	NB	NS	–	–	NF
keeneanum Casey														
B. curtulatum Casey	AK	YK	–	BC	AB	–	–	–	–	–	–	–	–	–
decrepitum Casey														
effetum Casey														
flebile Casey														
timefactum Casey														
B. gebleri turbatum Casey	–	YK	–	BC	AB	–	–	–	–	–	–	–	–	–
conflictum Casey														
B. gordoni Lindroth	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
B. gratiosum Casey	AK	YK	–	BC	AB	–	–	–	–	–	–	–	–	–
pallidum Hatch														
B. hyperboraeorum Munster*	AK	YK	NT	–	–	–	–	–	–	–	–	–	–	–
B. kalumae Lindroth	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
B. planatum (LeConte)	AK	YK	NT	BC	AB	–	–	ON	PQ	NB	NS	–	–	NF
adjutor Casey														
aequalis (Walker)														
solutum Casey														

B. planiusculum Mannerheim	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
B. rufinum Lindroth	AK	YK	–	BC	AB	–	–	–	–	–	–	–	–	–
B. rusticum lenensoides Lindroth	AK	YK	–	BC	–	–	–	–	–	–	–	–	–	–
B. rusticum rusticum Casey	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	LB	NF
notmani Casey														
B. sierricola Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
B. stillaguamish Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
B. sulcipenne hyperboroides Lindroth	AK	YK	–	BC	–	–	–	–	–	–	–	–	–	–
B. sulcipenne prasinoides Lindroth	–	–	–	BC	AB	–	MB	–	PQ	NB	–	–	LB	NF
(Subgenus BLEPHAROPLATAPHUS Netolitzky)														
B. hastii C.R. Sahlberg*	AK	YK	NT	BC	–	–	MB	ON	PQ	–	–	–	LB	–
(Subgenus TRICHOPLATAPHUS Netolitzky)														
B. planum (Haldeman)	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
filicorne Casey														
guexii Chaudoir														
vulsum Casey														
B. rolandi Fall	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
(Subgenus HIRMOPLATAPHUS Netolitzky)														
B. concolor (Kirby)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
longulum (LeConte)														
subaeneum (LeConte)														
B. nigrum Say	–	–	–	–	–	–	–	ON	PQ	NB	NS	PE	–	–
facile Casey														
morosum Casey														
B. quadrulum LeConte	–	YK	–	BC	AB	–	–	–	–	–	–	–	–	–
aegrotum Casey														
callidum Casey														
porrectum Casey														
tartareum Casey														
tritum Casey														
viridinigrum Casey														
B. recticolle LeConte	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
oblatum Casey														
pertinax Casey														
tetragonoderum Chaudoir														
umbraticola Casey														
B. salebratum (LeConte)	–	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
consessor Casey														
inopinum Casey														
mackinacense Hatch														
purpurascens (LeConte)														
(Subgenus HYDRIOMICRUS Casey)														
B. quadratulum Notman	–	–	–	–	–	–	–	–	PQ	NB	NS	–	–	NF
proximum Notman														
B. semistriatum (Haldeman)	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
(Subgenus BEMBIDIONETOLITZKYA Strand) (*Daniela* Netolitzky)														
B. mckinleyi carneum Lindroth	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
B. mckinleyi mckinleyi Fall	AK	YK	–	–	–	–	–	–	–	–	–	–	–	–
§														
B. lenae Csiki*	AK	YK	NT	–	–	–	–	–	–	–	–	–	–	–
intermedium Poppius														
§														
B. commotum Casey	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
seclusum Casey														
B. nebraskense LeConte	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
denveranum Casey														
govanicum Casey														
tractabile Casey														
§														
B. actuosum Casey	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
debilicolle Casey														
urgens Casey														

B. nevadense Ulke	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
viaticum Casey														
B. plagiatum (Zimmermann)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
B. striola (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
angustior Casey														
modulatum Casey														
shastanicum Casey														
vancouveri Casey														
(Subgenus PERYPHANES Jeannel)														
B. dauricum Motschulsky*	AK	YK	NT	–	–	–	MB	–	–	–	–	–	–	–
B. grapii Gyllenhal*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	LB	NF
nitens Casey														
picipes (Kirby)														
scrutatum Casey														
seductum Casey														
B. lacunarium (Zimmermann)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
histricum Casey														
militare Casey														
B. platynoides Hayward	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
insopitans Casey														
merens Casey														
optatum Casey														
sedulum Casey														
B. stephensi Crotch†	–	–	–	–	–	–	–	ON	PQ	NB	NS	PE	–	NF
canadense Hayward														
B. texanum (Chaudoir)	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
cogitans Casey														
inquietum Casey														
B. yukonum Fall*	AK	YK	NT	BC	–	–	MB	–	PQ	–	–	–	–	–
§														
B. bimaculatum (Kirby)	AK	YK	NT	BC	AB	SK	MB	ON	–	–	–	–	–	–
B. postremum Say	–	–	–	–	–	–	–	–	PQ	NB	–	–	–	–
B. sordidum (Kirby)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	–	–	LB	–
B. umiatense Lindroth	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
(Subgenus PERYPHUS Stephens)														
B. bruxellense Wesmael†	–	–	–	–	–	–	–	–	PQ	NB	NS	PE	–	NF
B. femoratum Sturm†	–	–	–	–	–	–	–	–	–	NB	NS	–	–	–
B. obscurellum (Motschulsky)*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	–	PE	–	NF
albidipenne Casey														
caducum Casey														
fuscicrus (Motschulsky)														
lucidum (Mannerheim)														
mixtum LeConte														
parowanum Casey														
petulans Casey														
(?) *subinflatum* (Motschulsky)														
B. petrosum attuense Lindroth	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
B. petrosum petrosum Gebler*	AK	YK	NT	BC	AB	SK	–	ON	PQ	NB	NS	PE	LB	NF
castalium Casey														
exiguiceps Casey														
lepusculum Casey														
lucidum (LeConte)														
substrictum (LeConte)														
wenatchee Hatch														
B. poppii schalleri Lindroth	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
B. rupicola (Kirby)	AK	–	NT	BC	AB	SK	MB	ON	–	–	–	–	–	–
aversans Casey														
B. sejunctum sejunctum Casey	–	–	NT	–	AB	SK	–	–	PQ	NB	NS	PE	LB	NF
B. sejunctum semiaureum Fall	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
fenderi Hatch														
B. tetracolum Say†	–	–	–	BC	–	–	–	ON	PQ	NB	NS	PE	–	NF
nactum Casey														
§														
B. transversale Dejean	–	YK	–	BC	AB	SK	MB	ON	PQ	NB	NS	–	LB	NF
acomanum Casey														
animatum Casey														

(?) *erosum* (Motschulsky)														
excursum Casey														
haplogonum Chaudoir														
mannerheimii (LeConte)														
marinicum Casey														
perspicuum (LeConte)														
sarpedon Casey														
tuolumnae Casey														
§														
B. scopulinum (Kirby)*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF
bellulum Casey														
gelidum (LeConte)														
(Subgenus LIOCOSMIUS Casey)														
B. mundum (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
bifasciatum (Motschulsky)														
hilare Casey														
(Subgenus PERYPHODES Casey)														
B. ephippigerum (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
B. salinarium Casey	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–
§														
B. constricticolle Hayward	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
B. nudipenne Lindroth	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
(Subgenus EUPETEDROMUS Netolitzky)														
B. graciliforme Hayward	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
B. immaturum Lindroth	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	NF
B. incrematum LeConte	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF
arcuatum LeConte														
fortunatum Casey														
gulosum Casey														
lengi Notman														
mobile Casey														
nubiferum Casey														
oblectans Casey														
semotum Casey														
(Subgenus LEUCHYDRIUM Casey)														
B. tigrinum LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
§														
B. consimile Hayward	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
B. flohri Bates	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–
henshawi Hayward														
B. obtusidens Fall	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
B. scudderi LeConte	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–
spissicorne Casey														
§														
B. dejectum Casey	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
aberti Hatch														
fidele Casey														
tencenti Hatch														
B. mormon Hayward	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
B. obtusangulum LeConte	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–
cornix Casey														
(Subgenus NOTAPHUS Stephens)														
B. aeneicolle (LeConte)	–	–	NT	BC	AB	SK	MB	–	–	–	–	–	–	–
B. castor Lindroth	–	–	–	–	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
B. coloradense Hayward	–	–	NT	BC	AB	SK	MB	–	–	–	–	–	–	–
albertanum Casey														
amplipenne Casey														
imperitum Casey														
prociduum Casey														
B. cordatum (LeConte)	–	–	–	–	–	–	MB	ON	–	–	–	–	–	–
placabile Casey														
B. debiliceps Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

B. dorsale Say	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–
B. graphicum Casey	–	–	NT	BC	AB	SK	MB	ON	–	–	–	–	–	–
lassulum Casey														
B. indistinctum Dejean	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
barbarae Casey														
caudex Casey														
consentaneum (LeConte)														
curiosum Casey														
derisor Casey														
devinctum Casey														
expositum Casey														
extricatum Casey														
formale Casey														
franciscanum Casey														
ornatellum Casey														
reconditum Casey														
B. insulatum (LeConte)	–	–	NT	BC	AB	SK	MB	–	–	–	–	–	–	–
caliginosum Casey														
B. intermedium (Kirby)	AK	–	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
B. nigripes (Kirby)*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	–	PE	LB	NF
concitatum Casey														
quadraticolle (Mannerheim)														
retractum Casey														
B. patruele Dejean	–	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	NF
contristans Casey														
editum Casey														
exclusum Casey														
fenisex Casey														
fraternum LeConte														
imitator Casey														
marcidum Casey														
mediocre Casey														
monstratum Casey														
plectile Casey														
posticum (Haldeman)														
subexiguum Casey														
B. rapidum (LeConte)	–	–	–	–	AB	SK	MB	ON	PQ	NB	–	–	–	–
docile Casey														
fugitans Casey														
negligens Casey														
sociale Casey														
B. semipunctatum (Donovan)*	AK	YK	NT	BC	AB	SK	–	ON	–	–	–	–	–	–
accuratum Casey														
provoanum Casey														
B. umbratum (LeConte)	–	–	NT	BC	AB	SK	–	–	–	–	–	–	–	–
variolosum (Motschulsky)														
B. variegatum Say	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
postfasciatum Hamilton														
B. versutum LeConte	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
§														
B. constrictum (LeConte)	–	–	–	–	–	–	–	–	–	NB	NS	PE	–	–
civile Casey														
festinans Casey														
vernula Casey														
B. contractum Say	–	–	–	–	–	–	–	–	PQ	NB	NS	PE	–	NF
B. viridicolle (LaFerté-Sénectère)	–	–	NT	–	AB	SK	MB	ON	–	–	–	–	–	–
hamiferum Chaudoir														
particeps Casey														
§														
B. oberthueri Hayward	–	–	–	–	AB	SK	MB	ON	PQ	NB	–	–	–	–
(Subgenus FURCACAMPA Netolitzky)														
B. affine Say	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
decipiens Dejean														
fallax Dejean														
thespis Casey														
§														
B. impotens Casey	–	–	–	BC	–	SK	MB	ON	–	NB	–	–	–	–

aestivum Casey														
frugale Casey														
gratuitum Casey														
imbelle Casey														
indigens Casey														
pictum (LeConte)														
pullulum Casey														
virgatulum Casey														
B. mimus Hayward	–	–	–	–	–	SK	MB	ON	PQ	NB	NS	PE	–	NF
pellax Casey														
rotundiceps Casey														
B. timidum (LeConte)	–	–	NT	BC	AB	SK	MB	ON	–	–	–	–	–	–
oregonum Casey														
sordidulum Chaudoir														
B. versicolor (LeConte)	AK	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF
terracense Casey														
tolerans Casey														
wisconsinium Casey														
(Subgenus EMPHANES Motschulsky)														
(*Omala* Motschulsky)														
B. diligens Casey	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–
parabile Casey														
vilescans Casey														
B. vile (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
(Subgenus BEMBIDION s. str.)														
(*Lopha* Stephens)														
B. mutatum Gemminger & Harold	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	NS	–	–	NF
axillare (LeConte)														
vegetum Casey														
B. praecinctum LeConte	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
alutaceum Hatch														
veridicum Casey														
B. quadrimaculatum dubitans (LeConte)	AK	YK	NT	BC	AB	SK	MB	–	–	–	–	–	–	–
caseyi Leng														
crurale (LeConte)														
gregale Casey														
pugetanum Casey														
sapphicum Casey														
tenax Casey														
B. quadrimaculatum oppositum Say	–	–	–	–	AB	SK	MB	ON	PQ	NB	NS	PE	–	NF
(Subgenus SEMICAMPA Netolitzky)														
B. convexulum Hayward	AK	YK	–	BC	AB	–	–	–	–	–	–	–	–	–
novellum Casey														
B. morulum LeConte	AK	YK	NT	BC	AB	SK	MB	–	–	–	–	–	–	NF
browni Lindroth														
B. muscicola Hayward	–	–	–	–	–	SK	MB	ON	PQ	NB	NS	PE	–	–
B. praticola Lindroth	–	–	–	BC	–	SK	–	ON	PQ	NB	–	–	–	–
B. roosevelti Pic	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
blaisdelli Casey														
concinnum Blaisdell														
perconcinnum Blaisdell														
B. semicinctum Notman	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
(Subgenus DIPLOCAMPA Bedel)														
(*Paralopha* Casey)														
B. transparens (Gebler)*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF
edmontonense Casey														
sulcatum (LeConte)														
trepidum (LeConte)														
(Subgenus TREPANEDORIS Netolitzky)														
B. acutifrons LeConte	AK	–	NT	BC	AB	SK	MB	–	–	–	–	–	–	–
microreticulatum Hatch														
B. canadianum Casey	–	–	NT	–	AB	SK	MB	ON	PQ	–	–	–	–	–
B. concretum Casey	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	NF
congruens Casey														
habile Casey														

B. connivens (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
digressum Casey														
elizabethae Hatch														
B. fortestriatum (Motschulsky)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	NF
cautum (LeConte)														
concurrens Fall														
peregrinum Casey														
umbraticum Casey														
B. frontale (LeConte)	–	–	–	BC	–	SK	MB	ON	PQ	NB	NS	PE	–	–
B. pseudocautum Lindroth	–	–	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
B. siticum Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
adolescens Casey														
(Subgenus AMERIZUS Chaudoir)														
B. oblonguloides Lindroth	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
B. oblongulum (Mannerheim)	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
crassicorne (Casey)														
keeni (Casey)														
B. spectabile (Mannerheim)	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
longicorne (Casey)														
B. wingatei Bland	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	LB	NF
Genus PHRYPEUS Casey														
P. rickseckeri (Hayward)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
rutilinus Casey														
Genus ELAPHROPUS Motschulsky														
Barytachys Chaudoir														
Tachyura Motschulsky														
E. anceps (LeConte)	–	–	NT	–	AB	SK	MB	ON	PQ	NB	NS	–	–	–
E. capax (LeConte)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
E. dolosus (LeConte)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
apacheanus (Casey)														
audax (LeConte)														
rapax (LeConte)														
E. granarius (Dejean)	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
glossema (Casey)														
E. incurvus (Say)	–	–	–	BC	–	SK	MB	ON	PQ	NB	NS	PE	–	–
parallelus (Casey)														
rhodensis (Csiki)														
E. parvulus (Dejean)†	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
E. saturatus (Casey)	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
E. tripunctatus (Say)	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
barnesi (Stehr)														
laredoanus (Casey)														
servus (Casey)														
E. vernicatus (Casey)	–	–	–	–	–	SK	MB	ON	PQ	NB	–	–	–	–
laetificus (Casey)														
unionis (Csiki)														
E. vivax (LeConte)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
mendax (LeConte)														
E. xanthopus (Dejean)	–	–	–	–	–	–	–	ON	–	–	NS	–	–	–
ancilla (Casey)														
famelicus (Casey)														
laxipennis (Casey)														
Genus TACHYTA Kirby														
Key to species: Erwin (1975)														
T. angulata Casey	–	YK	–	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	–
T. falli (Hayward)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
T. nana inornata (Say)	–	–	–	BC	–	–	–	ON	PQ	–	–	–	–	–
arizonica Casey														
californica Casey														
collaris Casey														
debilicollis Casey														
picipes Kirby														
rivularis (Motschulsky)														
T. nana kirbyi Casey	–	–	–	BC	AB	–	–	ON	PQ	–	–	–	–	–

Genus POROTACHYS Netolitzky														
P. bisulcatus (Nicolai)† *frontalis* (Hayward)	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
Genus POLYDERIS Motschulsky *Microtachys* Casey														
P. laevis (Say) *congesta* (Casey) *flumenalis* (Casey) *recta* (Casey) *troglodytes* (Dejean) *unistriata* (Casey) *unistriolata* (Csiki)	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
Genus TACHYS Stephens *Isotachys* Casey														
T. bryanti Lindroth	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
T. halophilus Lindroth	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
T. vittiger LeConte *marginellus* LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Genus PARATACHYS Casey														
P. edax (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. oblitus (Casey) *appalachius* (Casey) *cuneatus* (Casey) *gentilis* (Casey) *iowensis* (Casey) *obliquus* (Casey)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
P. proximus (Say) *nubifer* (Casey)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
P. rhodeanus (Casey)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
P. scitulus (LeConte) *pallescens* (Casey) *pallidiusculus* (Csiki)	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
Genus MIOPTACHYS Bates *Tachymenis* Motschulsky														
M. flavicauda (Say) *marginicollis* (Motschulsky) *reflexicollis* (Motschulsky)	–	–	–	BC	AB	–	–	ON	PQ	–	–	–	–	–

Tribe Nomiini

Genus NOMIUS Castelnau *Haplochile* LeConte														
N. pygmaeus (Dejean)	–	–	–	BC	AB	–	MB	ON	PQ	–	–	–	–	–
Genus PSYDRUS LeConte *Monillopatrobus* Hatch														
P. piceus LeConte *punctatus* (Hatch)	–	–	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	–

Tribe Patrobini

Genus PLATYPATROBUS Darlington														
P. lacustris Darlington	–	–	NT	–	AB	SK	MB	ON	PQ	NB	–	–	–	–
Genus PATROBUS Dejean *Geopatrobus* Darlington *Neopatrobus* Darlington														
P. fossifrons (Eschscholtz)* *dimorphicus* Darlington *fulvus* Mannerheim *latiusculus* Chaudoir *longiventris* Mannerheim	AK	–	–	BC	AB	–	–	–	–	–	–	–	–	–

P. foveocollis (Eschscholtz)*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	–	–	LB	NF
angusticollis Mannerheim														
insularis Casey														
laeviceps Casey														
obtusiusculus Chaudoir														
tenuis (LeConte)														
P. lecontei Chaudoir	–	–	–	BC	AB	SK	MB	–	PQ	NB	–	–	–	NF
canadensis Casey														
gravidus Darlington														
rufipes LeConte														
P. longicornis (Say)	–	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	NF
americanus Dejean														
P. septentrionis Dejean*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	–	–	LB	NF
hyperboreus Dejean														
labradorinus Casey														
minuens Casey														
tritus Casey														
P. stygicus Chaudoir	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	–	–	LB	NF
Genus DIPLOUS Motschulsky														
Platidius Chaudoir														
D. aterrimus (Dejean)	AK	YK	NT	BC	AB	–	–	–	–	–	–	–	–	–
breviceps (Casey)														
coloradensis (Casey)														
fulcratus (LeConte)														
reflexus (Casey)														
tenuitarsis (Casey)														
D. californicus (Motschulsky)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
breviusculus (Casey)														
incisus (Casey)														
latipennis (Casey)														
rectus (Casey)														
sierranus (Casey)														
strenuus (Casey)														
trochantericus (LeConte)														
D. filicornis (Casey)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
D. rugicollis (Randall)	–	–	–	–	–	–	–	–	PQ	NB	NS	–	–	–
longipalpis (Notman)														
Genus PLATIDIOLUS Chaudoir														
Patroboidea Van Dyke														
P. vandykei Kurnakow	AK	YK	–	BC	AB	–	–	–	–	–	–	–	–	–
rufus (Van Dyke)														

Tribe Pterostichini

Genus LOXANDRUS LeConte														
Key to North American species: Allen (1972)														
L. minor (Chaudoir)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
inquietus Casey														
L. velocipes Casey	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
Genus STOMIS Clairville														
S. pumicatus (Panzer)†	–	–	–	–	–	–	–	–	–	–	NS	–	–	–
Genus LOPHOGLOSSUS LeConte														
L. scrutator (LeConte)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
canadensis (Chaudoir)														
Genus POECILUS Bonelli														
Feronia Latreille														
Leconteus Lutshnik														
(Subgenus POECILUS s. str.)														
P. chalcites (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
micans Chaudoir														
sayi (Brullé)														

P. corvus (LeConte)	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
P. lucublandus (Say)	–	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	–
castanipes Kirby														
convexicollis (Say)														
dilatatus LeConte														
elucens Casey														
fraternus Say														
manhattanis (Casey)														
planifer Casey														
P. scitulus LeConte	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–
(Subgenus DERUS Motschulsky)														
(*Derulus* Tschitschérine)														
P. nearcticus (Lindroth)*	–	–	NT	–	–	–	–	–	–	–	–	–	–	–
Genus STEREOCERUS Kirby														
Boreobia Tschitschérine														
S. haematopus (Dejean)*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	–	–	LB	NF
similis Kirby														
S. rubripes (Motschulsky)*	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
kryzhanovskii (Lindroth)														
Genus MYAS Dejean														
Key to North American species: Allen (1980)														
M. coracinus (Say)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
M. cyanescens Dejean	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
foveatus LeConte														
Genus PTEROSTICHUS Bonelli														
(Subgenus CYLINDROCHARIS Casey)														
Key to species: Barr (1971)														
P. rostratus (Newman)	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
grandiceps (LeConte)														
piceatus (Casey)														
sulcatulus (Casey)														
(Subgenus HOLCIOPHORUS LeConte)														
P. lama (Ménétriés)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
ater (Dejean)														
aterrimus (Motschulsky)														
cephalus (Casey)														
domitor (Casey)														
pollens (Casey)														
vancouveri (Casey)														
(Subgenus HYPHERPES Chaudoir)														
(*Brachystilus* Chaudoir)														
(*Gonoderus* Motschulsky)														
(*Haplocoelus* Chaudoir)														
P. adoxus (Say)	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
rejectus LeConte														
sufflatus (Casey)														
P. algidus LeConte	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
anthrax (Casey)														
innatus (Casey)														
responsor (Casey)														
validus (Dejean)														
P. amethystinus Mannerheim	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
jejunus Casey														
metlakatlae Casey														
novellus Casey														
stoicus (Casey)														
P. castaneus (Dejean)	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
brunneus (Dejean)														
terracensis (Casey)														
wrangelli Casey														
P. crenicollis LeConte	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
pugetanus Casey														
rectilatus Casey														

P. ecarinatus Hatch	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
P. herculaneus Mannerheim	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
scenicus Casey														
P. neobrunneus Lindroth	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. nigrocoeruleus Van Dyke	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. protractus LeConte	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
fontinalis Casey														
inornatus Bland														
provensis (Casey)														
utensis (Casey)														
vivax (Casey)														
P. tristis (Dejean)	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
interfector (Newman)														
subarcuatus LeConte														
sustentus LeConte														
tetricula Casey														
zephyrus Casey														

(Subgenus LEPTOFERONIA Casey)
Key to species: Hacker (1968)

P. pumilus Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
longicollis (Casey)														
longicollis LeConte														
oregonus (Chaudoir)														
oregonis Csiki														
P. sphodrinus LeConte	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
idahoanus (Casey)														

(Subgenus MONOFERONIA Casey)

P. diligendus (Chaudoir)	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
apalachius Horn														
osculans Casey														

(Subgenus GASTRELLARIUS Casey)

P. honestus (Say)	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
americanus (Castelnau)														
atronitens (Casey)														
deficiens (Casey)														
fastiditus (Dejean)														
scolopaceus (Casey)														

(Subgenus STEROPUS Dejean)
(*Refonia* Casey)
(*Steroderus* Motschulsky)

P. circulosus Lindroth	AK	YK	–	–	–	–	–	–	–	–	–	–	–	–

(Subgenus BOTHRIOPTERUS Chaudoir)
(*Dysidius* Chaudoir)
(*Parargutor* Casey)

P. adstrictus Eschscholtz*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF
angusticollis (Casey)														
commixtus Chaudoir														
latebricola (Casey)														
latescans (Casey)														
laxicollis (Casey)														
luczotii (Dejean)														
maeklini LeConte														
oblongiusculus (Motschulsky)														
oblongonotatus (Say)														
obtusangulus (Motschulsky)														
saxatilis (Casey)														
sericeus (Casey)														
seriepunctatus Mannerheim														
sexpunctatus (Mannerheim)														
shastanus (Casey)														
P. lustrans LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
atrolucens (Casey)														
puncticollis (Motschulsky)														
P. mutus (Say)	–	–	–	BC	–	–	MB	ON	PQ	NB	NS	PE	–	NF
carbonarius (Dejean)														
egens (Casey)														

morosus (Dejean)														
picicornis (Kirby)														
politus (Harris)														
pulvinatus Hausen														
stenopus Hausen														
P. oregonus LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
colligatus (Walker)														
P. pensylvanicus LeConte	–	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	NF
(Subgenus MORPHNOSOMA Lutshnik)														
(*Euferonia* Casey)														
(*Omaseidius* Jeannel)														
P. coracinus (Newman)	–	–	–	–	–	–	–	ON	PQ	NB	NS	PE	LB	NF
adjunctus LeConte														
erebeus Casey														
flebilis LeConte														
lacustris (Casey)														
ludibundus (Casey)														
moerens (Newman)														
(?) *monedulus* (Newman)														
roanicus (Casey)														
rufitarsis (Nicolay & Weiss)														
strigosulus (Casey)														
venator (Casey)														
washingtonensis (Nicolay & Weiss)														
P. lachrymosus (Newman)	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
P. melanarius (Illiger)†	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	NF
P. novus Straneo	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
P. relictus (Newman)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
protensus LeConte														
P. stygicus (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
bisigillatus (Harris)														
(?) *picipes* (Newman)														
probus Casey														
quadrifer (Casey)														
rugicollis (Haldeman)														
subaequalis (Casey)														
umbonatus (Casey)														
vapidus Casey														
(Subgenus ABACIDUS LeConte)														
(*Peristethus* LeConte)														
P. atratus (Newman)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
P. permundus (Say)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
planifer (Casey)														
(Subgenus MELANIUS Bonelli)														
(*Lyperosomus* Motschulsky)														
(*Lyperus* Chaudoir)														
(*Metamelanius* Tschitschérine)														
(*Omaseus* Dejean)														
P. castor Goulet & Bousquet	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
P. caudicalis (Say)	–	–	NT	BC	AB	SK	MB	ON	PQ	–	–	–	–	NF
agrestis Bland														
brevibasis (Casey)														
P. corvinus (Dejean)	–	–	NT	BC	AB	SK	MB	ON	PQ	NB	–	–	–	–
aequalis (Casey)														
subpunctatus (Harris)														
tenebrosus (Chaudoir)														
P. ebeninus (Dejean)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
acutangulus (Chaudoir)														
(Subgenus PSEUDOMASEUS Chaudoir)														
P. luctuosus (Dejean)	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	NF
abjectus LeConte														
confluens (Casey)														
hamatus (Harris)														
P. tenuis (Casey)	–	–	–	–	AB	–	MB	ON	PQ	NB	NS	PE	–	NF
testaceus (Casey)														
(Subgenus LAGARUS Chaudoir)														
(*Pseudargutor* Casey)														
(*Pseudolagarus* Lutshnik)														

P. leconteianus (Lutshnik)	–	–	–	BC	–	SK	MB	ON	PQ	NB	NS	–	–	–
erythropus (Dejean)														
nitidus (Kirby)														
(Subgenus ARGUTOR Dejean)														
(*Americomaseus* Csiki)														
(*Micromaseus* Casey)														
(*Omaseulus* Lutshnik)														
P. corrusculus LeConte	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
P. femoralis (Kirby)	–	–	–	–	AB	SK	MB	ON	PQ	–	–	–	–	–
aequicollis (Casey)														
desidiosus LeConte														
P. patruelis (Dejean)	AK	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF
bicolor (Kirby)														
linearis (Mannerheim)														
P. strenuus (Panzer)†	–	–	–	BC	–	–	–	–	–	–	–	–	–	NF
(Subgenus CRYOBIUS Chaudoir)														
Key to North American species: Ball (1966)														
P. arcticola (Chaudoir)	AK	YK	NT	–	–	–	MB	–	PQ	–	–	–	LB	–
labradorensis (Chaudoir)														
P. auriga Ball	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
P. barryorum Ball	AK	–	NT	–	AB	–	–	–	–	–	–	–	–	–
P. biocryus Ball	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
P. brevicornis (Kirby)*	AK	YK	NT	BC	–	–	MB	ON	PQ	–	–	–	LB	NF
delicatus (Casey)														
epipleuralis (J.Sahlberg)														
fastidiosus (Mannerheim)														
P. bryanti (Van Dyke)	–	–	NT	–	–	–	–	–	–	–	–	–	–	–
P. bryantoides Ball	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
P. cacumenis Ball	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
P. caribou Ball	AK	YK	NT	–	–	–	MB	–	–	–	–	–	–	–
P. chipewyan Ball	–	–	NT	BC	AB	–	MB	ON	–	–	–	–	–	–
P. empetricola (Dejean)*	AK	YK	–	BC	–	–	–	–	–	–	–	–	–	–
globicollis Csiki														
rotundicollis (Mannerheim)														
ruficollis (Mannerheim)														
P. gerstlensis Ball	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
P. haftorni Lindroth	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
P. hudsonicus LeConte	AK	YK	NT	BC	–	–	–	–	–	–	–	–	–	–
P. kotzebuei Ball	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
P. mandibularoides Ball	AK	YK	NT	BC	–	–	–	–	–	–	–	–	–	–
P. nivalis (R.F. Sahlberg)*	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
P. parasimilis Ball*	AK	YK	–	–	–	–	–	–	–	–	–	–	–	–
P. pinguedineus (Eschscholtz)*	AK	YK	NT	–	–	–	–	–	PQ	–	–	–	–	–
alaskensis (Poppius)														
beringi (Casey)														
diplogmus (Chaudoir)														
holmbergi (Poppius)														
incognitus (Poppius)														
mandibularis (Kirby)														
montanellus Poppius														
splendidus (J. Sahlberg)														
subnitidulus (Poppius)														
subsinuosus (Chaudoir)														
washingtoni (Casey)														
P. planus (J. Sahlberg)	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
blaisdelli Van Dyke														
P. riparius (Dejean)	AK	YK	NT	BC	AB	–	–	–	–	–	–	–	–	–
breviusculus (Casey)														
caseyi Csiki														
fatuus (Mannerheim)														
fuscoaeneus (Chaudoir)														
laevilatus Notman														
patulus (Casey)														
P. similis Mannerheim*	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
quadricollis (Mannerheim)														
P. soperi Ball	AK	–	NT	–	–	–	–	–	–	–	–	–	–	–
P. stantonensis Ball	–	–	NT	–	–	–	–	–	–	–	–	–	–	–

P. surgens LeConte	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
P. tareumiut Ball*	AK	YK	NT	–	–	–	–	–	–	–	–	–	–	–
P. tiliaceoradix Ball	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
P. ventricosus (Eschscholtz)*	AK	YK	NT	–	–	–	–	–	–	–	–	–	–	–
aleutorum (Lutshnik)														
brevicollis (Tschitschérine)														
hyperboreus (Mannerheim)														
otariidinus (Casey)														
rufiscapus (Mannerheim)														
rugiferus (Tschitschérine)														
subcaudatus (Mannerheim)														
subexaratus (Mannerheim)														
vindicatus (Mannerheim)														

(Subgenus LYPEROPHERUS Motschulsky)
Key to species: Budarin (1976)

P. agonus Horn*	AK	YK	NT	–	–	–	–	–	–	–	–	–	–	–
P. costatus (Ménétriés)*	AK	YK	NT	–	–	–	–	–	–	–	–	–	–	–
P. punctatissimus (Randall)	–	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	LB	NF
P. sublaevis (J. Sahlberg)*	AK	YK	NT	–	–	–	–	–	–	–	–	–	–	–
rufofemoralis Van Dyke														
P. vermiculosus (Ménétriés)*	AK	YK	NT	–	–	–	–	–	–	–	–	–	–	–
innuitorum (W.J. Brown)														

Genus CYCLOTRACHELUS Chaudoir
Key to species: Freitag (1969)

(Subgenus EVARTHRUS LeConte)

C. sodalis sodalis (LeConte)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
corax (LeConte)														
fatuus (LeConte)														
inflatipennis (Casey)														
licinoides (Motschulsky)														
retractus (Casey)														
sulcatus (Casey)														
vagans (LeConte)														

Genus ABAX Bonelli

A. parallelepipedus (Piller & Mitterpacher)†	–	–	–	–	–	–	–	–	–	–	NS	–	–	NF
ater (Villers)														
striola (Fabricius)														

Tribe Zabrini

Genus DISAMARA Lindroth
Pseudamara Lindroth

D. arenaria (LeConte)	–	–	–	–	–	–	–	ON	PQ	NB	NS	PE	–	–

Genus AMARA Bonelli

(Subgenus CURTONOTUS Stephens)
(*Leirus* Zimmermann)

A. alpina (Paykull)*	AK	YK	NT	BC	AB	–	MB	ON	PQ	–	–	–	LB	NF
alaskana Csiki														
angustata J. Sahlberg														
arguta (Casey)														
borealis (Chaudoir)														
brunnipennis Dejean														
deficiens (Casey)														
inanis (Casey)														
obtusa LeConte														
rubripennis (Casey)														
subtilis (Casey)														
A. aulica (Panzer)†	–	–	–	–	–	–	–	–	PQ	NB	NS	–	–	NF
A. blanchardi Hayward	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. bokori Csiki*	AK	YK	NT	BC	–	–	MB	–	–	–	–	–	–	–
sahlbergi Poppius														
A. carinata (LeConte)	–	–	–	BC	AB	SK	MB	ON	PQ	NB	–	–	–	–

adstricta (Putzeys)														
catenulata (Casey)														
gilvipes (Casey)														
laticollis (LeConte)														
A. hyperborea Dejean*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	–	–	LB	NF
canadensis (Putzeys)														
elongata (LeConte)														
imperfecta (W.J. Brown)														
tristis (Putzeys)														
A. lacustris LeConte	AK	YK	NT	BC	AB	SK	MB	ON	–	–	NS	–	–	–
manitobensis (Casey)														
A. pennsylvanica Hayward	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
fulvipes (Putzeys)														
A. thoracica Hayward	–	–	–	BC	AB	SK	–	–	–	–	–	–	–	–
A. torrida (Panzer)*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF
albertana (Casey)														
biarcuata (Casey)														
brevilabris (Kirby)														
brevipennis (Casey)														
consueta Fall														
cylindrica LeConte														
dura (Casey)														
holmbergi (Putzeys)														
hudsonica Hayward														
labradorensis (Casey)														
melanogastrica Dejean														
reflexa (Putzeys)														
rufimana (Kirby)														
scrutata (Casey)														
somnolenta (Putzeys)														
(Subgenus BRADYTUS Stephens) (*Pseudobradytus* Csiki)														
A. apricaria (Paykull)†	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	–	LB	NF
putzeysiana Csiki														
putzeysii Horn														
A. avida (Say)	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	NF
confinis Dejean														
A. browni Lindroth	–	YK	NT	–	–	–	–	–	–	–	–	–	–	–
A. colvillensis Lindroth	AK	–	NT	–	–	–	MB	–	–	–	–	–	–	–
A. exarata Dejean	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
curta (Casey)														
furtiva Say														
gravida (Casey)														
stygialis (Casey)														
A. fulva (O.F. Müller)†	–	–	–	–	–	–	–	–	PQ	NB	NS	PE	LB	NF
A. glacialis (Mannerheim)*	AK	YK	NT	BC	–	SK	–	ON	PQ	–	–	–	LB	–
nainensis Casey														
A. latior (Kirby)	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
decepta (Casey)														
humphreysi (Casey)														
laevistriata (Putzeys)														
libera LeConte														
oregona LeConte														
relicta (Casey)														
A. schwarzi Hayward	–	YK	NT	–	AB	–	MB	ON	PQ	–	–	–	–	–
septentrionalis (LeConte)														
(Subgenus PERCOSIA Zimmermann) Key to species: Hieke (1978)														
A. obesa (Say)	–	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	NF
diffinis (LeConte)														
extensa (Casey)														
latissima (Casey)														
sulcatula (Casey)														
ventricosa (Casey)														
(Subgenus CELIA Zimmermann) (*Isopleurus* Kirby)														
A. aurata Dejean	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
evanida (Casey)														

fragilis (Casey)														
govanensis (Casey)														
imitatrix Horn														
proba (Casey)														
A. bifrons (Gyllenhal)†	–	–	–	–	–	–	–	–	PQ	NB	NS	PE	LB	NF
A. brunnea (Gyllenhal)*	AK	YK	–	–	–	–	–	–	–	–	–	–	–	–
amplicollis (Mannerheim)														
A. californica Dejean	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
mexicana Dejean														
perspecta Casey														
pugetana (Casey)														
A. chalcea Dejean	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
corvina (Casey)														
maneei (Casey)														
pinorum (Casey)														
schotti (Casey)														
sodalis (Casey)														
A. discors Kirby	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	NS	–	LB	NF
gibba (LeConte)														
lugubris (Casey)														
merula (Casey)														
nevadica (Casey)														
obsolescens (Casey)														
paganica (Casey)														
parowana (Casey)														
scolopax (Casey)														
spaldingi (Casey)														
sphaerops (Casey)														
wakelandi Hatch														
A. hicksi Lindroth*	–	–	NT	–	–	–	–	–	–	–	–	–	–	–
A. idahoana (Casey)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
exlineae Minsk & Hatch														
A. musculis (Say)	–	–	–	BC	AB	SK	MB	ON	PQ	–	NS	–	–	–
brevitarsis (Casey)														
contempta (LeConte)														
crenulata (Casey)														
curticeps (Casey)														
fluminea (Casey)														
limbalis (Casey)														
lyncea (Casey)														
minnesotana (Casey)														
nugator (Casey)														
paulula (Casey)														
scintilla (Casey)														
shoemakeri (Casey)														
vegrandis (Casey)														
A. pseudobrunnea Lindroth	AK	YK	–	BC	AB	SK	MB	–	PQ	–	–	–	LB	–
A. quenseli (Schönherr)*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF
brumalis (Casey)														
brunnescens (Casey)														
cervicalis (Casey)														
defecta (Casey)														
definita (Casey)														
docilis (Casey)														
eldorensis (Casey)														
explanatula (Casey)														
exposita (Casey)														
femoralis Horn														
fontinalis (Casey)														
hornis Csiki														
indistincta (Mannerheim)														
laxicollis (Casey)														
mimica (Casey)														
obligata (Casey)														
piperi (Casey)														
relucens (Mannerheim)														
remota (Zimmermann)														
remotestriata Dejean														
tahomae (Casey)														
washoeana (Casey)														
A. rubrica Haldeman	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

ferruginea Casey														
liquida (Casey)														
lubrica (Casey)														
lucina (Casey)														
nigripennis (Casey)														
pallida (Casey)														
piceonitens (Casey)														
politissima (Casey)														
proditor (Casey)														
A. sinuosa (Casey)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	–	PE	LB	NF
elusa (Casey)														
hospes (Casey)														
nitida (Kirby)														
nupta (Casey)														
subaenea (LeConte)														
subaenescens Csiki														
thoracica (Casey)														
A. spuria Lindroth	AK	–	NT	–	–	–	–	–	–	–	–	–	–	–
(Subgenus AMARA s. str.)														
A. aenea (DeGeer)†	–	–	–	–	–	–	–	ON	PQ	NB	NS	PE	–	NF
devincta Casey														
A. aeneopolita Casey	–	–	NT	–	AB	SK	MB	ON	PQ	NB	–	–	LB	NF
A. coelebs Hayward	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–
leviceps Casey														
nebraskana Casey														
oblongula Casey														
rustica Casey														
A. communis (Panzer)†	–	–	–	–	–	–	–	–	–	NB	–	–	–	–
A. conflata LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
diffidens Casey														
leydeni Casey														
semota (Casey)														
A. confusa LeConte	AK	YK	–	BC	AB	SK	MB	–	PQ	–	–	–	–	–
acomana Casey														
ebenina Casey														
impedita Casey														
oblongiformis Casey														
protensa Putzeys														
subarctica Casey														
subpunctata LeConte														
viridula Casey														
A. convexa LeConte	–	–	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
breviformis Casey														
cockerelli Casey														
frugalis (Casey)														
lecontei Csiki														
oviformis Casey														
piceola Casey														
polita LeConte														
wingatei Casey														
A. cupreolata Putzeys	–	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	–
enervis Casey														
haywardi Csiki														
inflaticollis Casey														
neoscotica Casey														
parviceps Hayward														
tenax Casey														
A. ellipsis (Casey)	–	–	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
winnipegensis (Casey)														
A. emancipata Lindroth	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. erratica (Duftschmid)*	AK	–	NT	BC	–	SK	MB	–	PQ	–	–	–	LB	NF
A. eurynota (Panzer)†	–	–	–	–	–	–	–	–	–	–	–	–	–	NF
A. familiaris (Duftschmid)†	AK	–	–	BC	AB	–	–	ON	PQ	NB	NS	PE	–	NF
humilis Casey														
A. farcta LeConte	–	YK	–	BC	AB	SK	MB	–	–	–	–	–	–	–
albertae (Casey)														
formalis (Casey)														
funebris (Casey)														
marginatella (Casey)														
olympia (Casey)														

parallela (Casey)														
shastanica (Casey)														
solita (Casey)														
subdepressa (Casey)														
subsimilis (Casey)														
vancouveri (Casey)														
A. impuncticollis (Say)	–	–	–	–	–	SK	MB	ON	PQ	NB	NS	PE	–	NF
(?) *anthracina* Haldeman														
arcuata Casey														
difficilis LeConte														
edax Notman														
otiosa Casey														
wadei Casey														
A. interstitialis Dejean*	AK	YK	NT	–	–	–	–	–	–	–	–	–	–	–
A. laevipennis Kirby	AK	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	NF
aeneolucens Casey														
A. littoralis Mannerheim	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	NF
convergens Casey														
fallax LeConte														
hesperia Casey														
inepta LeConte														
keeni Casey														
lacustrina Casey														
laurana Casey														
microcephala Casey														
mystica Casey														
oodiformis Casey														
pullmani Casey														
recticollis Casey														
(?) *teres* Notman														
turbata Casey														
A. lunicollis Schiødte*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	LB	NF
carriana Casey														
marquettensis Casey														
A. patruelis Dejean*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	NF
columbiana (Casey)														
inaequalis Kirby														
reducta (Casey)														
splendida Haldeman														
A. sanjuanensis Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
(Subgenus ZEZEA Csiki)														
(*Pseudotriaena* Minsk & Hatch)														
(*Triaena* LeConte)														
A. angustata (Say)	–	–	–	–	–	SK	MB	ON	PQ	–	–	–	–	–
flebilis (Casey)														
indistincta Haldeman														
A. longula LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
afoveolata Hayward														
alaxnoguia Minsk & Hatch														
atrichata Minsk & Hatch														
glabrata Minsk & Hatch														
profuga (Casey)														
A. pallipes Kirby	–	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	–
depressa (LeConte)														
kincaidi Minsk & Hatch														
lawrenciana (Casey)														
parallela (Casey)														
shermani (Casey)														
A. scitula Zimmermann	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–
irregularis (Casey)														
obliqua Casey														
provana Casey														
uinta (Casey)														
vapida (Casey)														

Tribe Harpalini

Genus CRATACANTHUS Dejean

C. dubius (Palisot de Beauvois)	–	–	–	–	AB	SK	–	–	–	–	–	–	–	–
bisectus Casey														

litoreus Casey														
pensylvanicus Dejean														
Genus PIOSOMA LeConte														
P. setosum LeConte	–	–	–	BC	AB	SK	–	–	–	–	–	–	–	–
brevipenne Casey														
Genus EURYDERUS LeConte														
Nothopus LeConte														
Key to species: Ball (1960)														
E. grossus (Say)	–	–	–	BC	AB	SK	MB	ON	–	–	–	–	–	–
arizonicus (Casey)														
obtusus (Casey)														
privatus (Casey)														
valens (Casey)														
zabroides LeConte														
Genus HARPALOBRACHYS Tschitschérine														
H. leiroides (Motschulsky)*	AK	–	NT	–	AB	–	–	–	–	–	–	–	–	–
Genus HARPALUS Latreille														
(Subgenus OPHONUS Dejean)														
H. puncticeps (Stephens)†	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
H. rufibarbis (Fabricius)†	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
(Subgenus PSEUDOPHONUS Motschulsky)														
Key to North American species: Ball and Anderson (1962)														
H. bicolor (Fabricius)	–	–	–	–	–	–	MB	ON	PQ	–	NS	–	–	–
admissus Casey														
compar LeConte														
excubans Casey														
feroculus Casey														
nactus Casey														
H. erythropus Dejean	–	–	–	–	–	–	MB	ON	PQ	–	NS	–	–	–
abstrusus Casey														
cupiens Casey														
deludens Casey														
effetus Casey														
fenisex Casey														
rufopiceus Casey														
H. faunus Say	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
badius Dejean														
convivus LeConte														
H. longicollis LeConte	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
dolosus Casey														
haldemani Casey														
latescans Casey														
vagans LeConte														
H. paratus Casey	–	–	–	–	AB	SK	–	–	–	–	–	–	–	–
spaldingi Casey														
H. pennsylvanicus (DeGeer)	–	–	–	BC	–	SK	MB	ON	PQ	NB	NS	PE	–	–
inmixtus Casey														
longior Kirby														
mormonicus Casey														
H. rufipes (DeGeer)†	–	–	–	–	–	–	–	–	PQ	NB	NS	PE	–	NF
(Subgenus MEGAPANGUS Casey)														
H. caliginosus (Fabricius)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
dux Casey														
(Subgenus PLECTRALIDUS Casey)														
Key to species: El-Moursy (1958)														
H. erraticus Say	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
caudalis Casey														
(Subgenus PHARALUS Casey)														
H. indianus Csiki	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
testaceus LeConte														

(Subgenus HARPALUS s. str.)														
H. affinis (Schrank)†	–	–	–	BC	AB	–	–	ON	PQ	NB	NS	PE	LB	NF
aenescens Casey														
aeneus (Fabricius)														
assimilis Dejean														
canonicus Casey														
convictor Casey														
lustralis Casey														
viridiaeneus Palisot de Beauvois														
viridis Say														
(Subgenus HARPALOMERUS Casey)														
H. amputatus Say	AK	YK	NT	BC	AB	SK	MB	–	–	–	–	–	–	–
ancillaris Casey														
bracatus Casey														
cuculus Casey														
cupreolatus Casey														
papagonalis Casey														
rotundicollis Kirby														
stephensi Kirby														
transversus Casey														
(Subgenus EUHARPALOPS Casey)														
H. animosus Casey	–	–	–	BC	AB	SK	–	–	–	–	–	–	–	–
montanus LeConte														
montuosus Csiki														
H. egregius Casey	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	NS	PE	LB	NF
alienus LeConte														
baergi Csiki														
cascadiensis Hatch														
instructus Casey														
rufimanus LeConte														
H. fraternus LeConte	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
nimius Casey														
occidentalis Chaudoir														
praestans Casey														
wadei (Casey)														
H. funerarius Csiki	–	–	–	–	AB	SK	MB	ON	PQ	–	–	–	–	–
funestus LeConte														
reversus Casey														
H. hoppingi Lindroth	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
H. laticeps LeConte	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	LB	NF
solutus Casey														
H. lewisii LeConte	–	–	NT	–	AB	SK	MB	ON	PQ	NB	NS	–	–	–
aesopus Casey														
H. viduus LeConte	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
providens Casey														
§														
H. indigens Casey	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
beatulus Casey														
piperi (Casey)														
H. ventralis LeConte	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
electus Casey														
§														
H. fulvilabris Mannerheim	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF
H. megacephalus LeConte	–	–	–	–	–	–	MB	ON	–	–	–	–	–	–
(Subgenus CORDOHARPALUS Hatch)														
H. cordifer Notman	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
washingtoniensis Van Dyke														
§														
H. carbonatus LeConte	–	–	NT	BC	AB	SK	–	–	–	–	–	–	–	–
H. fallax LeConte	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
amiculus Casey														
recisus Casey														
H. herbivagus Say	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	–
assensus Casey														

foveicollis LeConte														
mutabilis (Haldeman)														
H. intactus Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
uintanus Casey														
H. nigritarsis C.R. Sahlberg*	AK	YK	NT	BC	AB	–	MB	ON	PQ	–	–	–	LB	NF
curtatus Mannerheim														
proximus LeConte														
recensus Casey														
H. pleuriticus Kirby	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF
aequabilis Casey														
lascivus Casey														
lividulus Casey														
nivalis Casey														
perspicuus Casey														
placidus Casey														
pumilio Casey														
H. seclusus Casey	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
parowanus Casey														
H. solitaris Dejean	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	–	–	LB	NF
fuliginosus (Duftschmid)														
opicus Casey														
H. somnulentus Dejean	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
blanditus Casey														
contactus Casey														
pacificus Fall														
H. uteanus Casey	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
oppositus Casey														
§														
H. alaskensis Lindroth	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
H. innocuus LeConte	–	–	NT	BC	AB	–	–	ON	PQ	–	–	–	–	–
fugitans Casey														
intactus Casey														
persolus Casey														
§														
H. cautus Dejean	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
advena LeConte														
(?) *albionicus* Mannerheim														
crenatellus Casey														
columbianus Casey														
(?) *defixus* Walker														
oregonensis Casey														
H. ellipsis LeConte	–	–	–	–	AB	SK	–	–	–	–	–	–	–	–
H. obnixus Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
H. ochropus Kirby	AK	–	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
H. opacipennis (Haldeman)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
lacustris Casey														
leviceps Casey														
oodioides Chaudoir														
H. plenalis Casey	–	–	NT	BC	–	–	MB	ON	PQ	NB	NS	–	–	NF
latebricola Casey														
modulatus Casey														
§														
H. desertus LeConte	–	–	–	BC	AB	SK	–	–	–	–	–	–	–	–
captiosus Casey														
couleensis Hatch														
dulciculus Casey														
lucidus LeConte														
lustrans Casey														
metuens Casey														
vacivus Casey														
§														
H. fulgens Csiki	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
nitidulus Chaudoir														

Genus HARPALELLUS Lindroth

H. basilaris (Kirby)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	NS	–	–	–
durescans (Casey)														

extensus (Walker)														
furviculus (Casey)														
obesulus (LeConte)														
oblongus (Casey)														
renoicus (Casey)														
sejunctus (Casey)														
stocktonensis (Casey)														
subenormis (Casey)														
varicornis (LeConte)														
ventricosus (Casey)														
Genus TRICHOTICHNUS Morawitz														
(Subgenus TRICHOTICHNUS s. str.)														
(*Episcopellus* Casey)														
(*Pteropalus* Casey)														
T. autumnalis (Say)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
nitescens (Casey)														
T. dichrous (Dejean)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
fluvialis (Casey)														
versutulus (Casey)														
T. vulpeculus (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
nigripennis (Dejean)														
Genus SELENOPHORUS Dejean														
(Subgenus SELENOPHORUS s. str.)														
(*Gynandropus* Dejean)														
(*Hemisopalus* Casey)														
S. gagatinus Dejean	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
maurus Haldeman														
viridescens LeConte														
S. hylacis (Say)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
americanus (Dejean)														
S. opalinus (LeConte)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
iripennis LeConte														
S. pedicularius Dejean	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
aereus LeConte														
puellus Putzeys														
troglodytes Dejean														
S. planipennis LeConte	–	–	–	BC	AB	SK	MB	ON	–	–	–	–	–	–
(Subgenus CELIAMORPHUS Casey)														
S. ellipticus Dejean	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
currens (Casey)														
opaculus (Casey)														
ovalis Dejean														
Genus DISCODERUS LeConte														
Selenalius Casey														
D. parallelus (Haldeman)	–	–	–	BC	–	–	–	ON	–	–	–	–	–	–
americanus (Motschulsky)														
gener Casey														
hesperus Casey														
parvuliceps Casey														
Genus GEOPINUS LeConte														
G. incrassatus (Dejean)	–	–	–	–	AB	SK	MB	ON	PQ	–	–	–	–	–
fluviaticus Casey														
Genus ANISODACTYLUS Dejean														
(Subgenus ANADAPTUS Casey)														
A. discoideus Dejean	–	–	–	–	–	SK	MB	ON	PQ	–	–	–	–	–
A. nivalis Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
parvulus (Casey)														
A. pitychrous LeConte	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
A. sanctaecrucis (Fabricius)	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	–
baltimoriensis (Say)														
uteanus (Casey)														

A. viridescens LeConte	–	–	–	?	–	–	–	–	–	–	–	–	–	–
chalceus LeConte														
idahoensis (Hatch)														
lecontei Gemminger & Harold														
(Subgenus GYNANDROTARSUS LaFerté-Sénectère)														
(*Triplectrus* LeConte)														
Key to North American species: Noonan (1973)														
A. dulcicollis (LaFerté-Sénectère)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
ellipticus LeConte														
elongatus Chaudoir														
modicus (Casey)														
A. merula Germar	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
aethiops (Casey)														
crassus LeConte														
gravidus LeConte														
kempi (Casey)														
marginatus (Casey)														
pinguis LeConte														
sulcipennis (Casey)														
wolcotti (Casey)														
A. ovularis (Casey)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
semirubidus (Casey)														
A. rusticus (Say)	–	–	–	–	–	–	MB	ON	PQ	NB	NS	PE	–	–
oblongus (Casey)														
tristis Dejean														
(Subgenus ANISODACTYLUS s. str.)														
(*Cephalogyna* Casey)														
A. binotatus (Fabricius)†	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. californicus Dejean	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
aleneanus Casey														
angustus Casey														
comes Casey														
confusus LeConte														
humeralis Casey														
maestus Casey														
obsolescens Casey														
oregonus Casey														
paganicus Casey														
sinuatus Casey														
A. carbonarius (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
brevior (Casey)														
luctuosus Dejean														
rufipennis LeConte														
A. furvus LeConte	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
A. harrisii LeConte	–	–	–	BC	AB	SK	MB	ON	PQ	–	NS	–	–	–
lacertosus Casey														
A. kirbyi Lindroth	–	–	–	BC	–	–	MB	ON	PQ	NB	NS	–	–	–
(?) *lecontei* Chaudoir														
A. melanopus (Haldeman)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
A. nigerrimus (Dejean)	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	NF
laticollis (Kirby)														
opacus (Casey)														
punctulatus LeConte														
A. nigrita Dejean	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	–
interpunctatus (Kirby)														
A. similis LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
incertus Casey														
incisus Casey														
puncticollis Chaudoir														
semipunctatus LeConte														
sericatus Casey														
solidus Casey														
(Subgenus APLOCENTRUS LeConte)														
A. amaroides LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
(Subgenus PSEUDAPLOCENTRUS Noonan)														
A. laetus Dejean	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
gemmeus (Casey)														

(Subgenus SPONGOPUS LeConte)

A. verticalis (LeConte)	–	–	–	–	–	SK	MB	ON	PQ	–	–	–	–	–

Genus AMPHASIA Newman

(Subgenus AMPHASIA s. str.)

A. interstitialis (Say) *fulvicollis* Newman *mollis* Casey *obscuripennis* (Dejean)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

(Subgenus PSEUDAMPHASIA Casey)

A. sericea (Harris) *femorata* (Dejean)	–	–	–	–	–	SK	–	ON	PQ	–	–	–	–	–

Genus DICHEIRUS Mannerheim
Key to species: Noonan (1968)

D. piceus (Ménétries) *alutaceus* Casey *angustulus* Casey *australinus* Casey *decoloratus* Casey *facilis* Casey *incidens* Casey *irregularis* Motschulsky *insularis* Casey *parallelus* LeConte *rupimontis* Casey *sodalis* Casey *villosus* Motschulsky	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus XESTONOTUS LeConte

X. lugubris (Dejean) *manhattanis* (Casey) *tioganus* (Casey)	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–

Genus NOTIOBIA Perty

(Subgenus ANISOTARSUS Chaudoir)
(*Diaphoromerus* Chaudoir)
(*Eurytrichus* LeConte)
(*Stilbolidus* Casey)
Key to North American species: Noonan (1973)

N. nitidipennis (LeConte) *agitabilis* (Casey) *cephala* (Casey) *conspecta* (Casey) *delicata* (Casey) *tenuitarsis* (Casey)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
N. picea (LeConte) *sayi* (Blatchley)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
N. terminata (Say) *agilis* (Dejean) *angusticollis* (Casey) *connivens* (Casey) *floridana* (Casey) *foveicollis* (Bates) *fuscipennis* (Casey) *hebes* (Casey) *inerrans* (Casey) *ocreata* (Say) *parallela* (Casey) *similis* (Say) *subovalis* (Casey) *subvirens* (Casey) *testacea* (Haldeman) *vernicata* (Casey)	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–

Genus TRICHOCELLUS Ganglbauer														
(Subgenus TRICHOCELLUS s. str.)														
T. cognatus (Gyllenhal)*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF
axillaris (Mannerheim)														
boreellus Casey														
conflagratus (Mannerheim)														
lateralis Casey														
longiusculus (Mannerheim)														
monticola Casey														
nitens (LeConte)														
punctipennis Casey														
ruficrus (Kirby)														
(Subgenus OREOXENUS Tschitschérine)														
T. mannerheimii (R.F. Sahlberg)*	AK	YK	NT	BC	–	–	MB	–	PQ	–	–	–	–	–
porsildi W.J. Brown														
Genus AMERINUS Casey														
A. linearis (LeConte)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
Genus BRADYCELLUS Erichson														
(Subgenus LIOCELLUS Motschulsky) (*Glycerius* Casey)														
B. politus (Fall)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
(Subgenus BRADYCELLUS s. str.)														
B. harpalinus (Audinet-Serville)†	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
(Subgenus CATHARELLUS Casey)														
B. lecontei Csiki	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF
cordicollis (LeConte)														
(Subgenus STENOCELLUS Casey)														
B. congener (LeConte)	–	–	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
alutaceus (Casey)														
B. nigerrimus Lindroth	–	–	–	–	AB	SK	–	–	–	–	–	–	–	–
B. nubifer LeConte	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
nubicollis (Casey)														
ventralis LeConte														
B. rupestris (Say)	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
antennalis (Casey)														
(?) *cinctus* (Say)														
(?) *debilipes* (Say)														
elongatulus (Dejean)														
flavipes (Kirby)														
parallelus Chaudoir														
§														
B. insulsus (Casey)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
B. neglectus (LeConte)	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	NF
B. nigriceps LeConte	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
occultus (Casey)														
§														
B. californicus (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
B. tantillus (Dejean)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
difficilis (Dejean)														
(Subgenus LIOCELLUS Tschitschérine)														
B. nigrinus (Dejean)	AK	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	NF
quadricollis (LeConte)														
tibialis (Kirby)														
B. semipubescens Lindroth	–	–	–	–	AB	–	–	ON	PQ	NB	–	–	–	–
(Subgenus TRILIARTHRUS Casey)														
B. atrimedeus (Say)	–	–	–	–	–	–	MB	ON	PQ	NB	–	–	–	–
B. badipennis (Haldeman)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
curticollis (Casey)														
properus (Casey)														

B. conformis (Fall)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
tetricus (Casey)														
B. georgei Lindroth	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
B. kirbyi (Horn)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
B. lugubris (LeConte)	–	–	–	–	AB	–	MB	ON	PQ	NB	NS	PE	–	NF
frosti (Fall)														
protractus (Casey)														
Genus STENOLOPHUS Stephens														
(Subgenus STENOLOPHUS s. str.)														
S. anceps LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
fidelis Casey														
rotundicollis Motschulsky														
S. carbonarius (Dejean)	–	–	–	–	–	–	–	ON	–	–	NS	–	–	–
S. fuliginosus Dejean	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	NF
fuscipennis (LeConte)														
versicolor Kirby														
S. fuscatus Dejean	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
S. humidus Hamilton	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
S. incultus Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
consors Casey														
debiliceps Casey														
S. limbalis LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
indistinctus Motschulsky														
longitarsis Casey														
S. megacephalus Lindroth	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
S. ochropezus (Say)	–	–	–	–	–	–	MB	ON	PQ	NB	NS	–	–	–
convexicollis LeConte														
floridanus Casey														
(?) *gracilis* Casey														
testaceicollis Casey														
S. plebejus Dejean	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
(?) *lugubris* (Haldeman)														
rivularis Casey														
(Subgenus AGONODERUS Dejean)														
S. comma (Fabricius)	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	NF
dorsalis (LeConte)														
gracilitarsis Casey														
obliqulus Casey														
similis (Kirby)														
S. lecontei (Chaudoir)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
plagiatus Casey														
S. lineola (Fabricius)	–	–	–	–	AB	SK	MB	ON	PQ	–	–	PE	–	–
furcatus (Fabricius)														
§														
S. conjunctus (Say)	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	–
captiosus Casey														
humilis (Dejean)														
immunis (Kirby)														
misellus (Dejean)														
moquinus Casey														
thoracicus Casey														
S. rotundatus LeConte	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
S. rotundicollis (Haldeman)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
incitatus Casey														
scitulus Casey														
Genus ACUPALPUS Latreille														
(Subgenus PHILODES LeConte)														
(*Goniolophus* Casey)														
A. alternans (LeConte)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
testaceus (LeConte)														
A. rectangulus Chaudoir	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
(Subgenus ACUPALPUS s. str.)														
A. canadensis Casey	–	–	–	–	–	SK	MB	ON	PQ	NB	NS	PE	–	NF
A. carus (LeConte)	–	–	–	BC	–	–	MB	ON	PQ	NB	NS	PE	–	NF

curtipennis Casey														
expertus Casey														
subrectus Casey														
trivialis Casey														
A. meridianus (Linné)†	–	–	–	BC	AB	–	–	–	PQ	–	–	–	–	–
A. nanellus Casey	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
A. pumilus Lindroth	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
(Subgenus TACHISTODES Casey)														
A. indistinctus Dejean	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
obscurus (Casey)														
A. partiarius (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
convergens (Casey)														
lyratus (Casey)														
A. pauperculus Dejean	–	–	–	–	–	–	–	ON	PQ	NB	NS	PE	–	–
consimilis Dejean														
A. testaceus Dejean	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
fusciceps (Casey)														
micros LeConte														

Tribe Licinini

Key to North American species: Ball (1959)

Genus DIPLOCHEILA Brullé														
Rembus Dejean														
(Subgenus ISOREMBUS Jeannel)														
D. assimilis (LeConte)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
modesta Casey														
D. impressicollis (Dejean)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
cliens Casey														
foveata Casey														
laticollis (LeConte)														
planulata Casey														
D. major major (LeConte)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
expansa Casey														
oblonga Casey														
procera Casey														
D. obtusa (LeConte)	–	–	NT	BC	AB	SK	–	ON	PQ	NB	NS	PE	–	–
parallela Casey														
D. oregona (Hatch)	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–
D. striatopunctata (LeConte)	–	–	NT	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
alternans Casey														
amplipennis Casey														
brevicollis Casey														
D. undulata Carr	–	–	–	–	AB	–	MB	–	–	–	–	–	–	–
Genus DICAELUS Bonelli														
(Subgenus PARADICAELUS Ball)														
D. dilatatus dilatatus Say	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
carolinensis Casey														
dejeanii Dejean & Boisduval														
planicollis LeConte														
D. elongatus Bonelli	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
ashevillensis Casey														
debiliceps Casey														
obscurus LeConte														
simplex Dejean														
D. politus Dejean	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
angustus Casey														
leonardii Harris														
D. sculptilis intricatus LeConte	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
ocellatus Blatchley														
D. sculptilis upioides Ball	–	–	–	–	–	SK	MB	ON	–	–	–	–	–	–
D. teter Bonelli	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
ovipennis Casey														
(Subgenus DICAELUS s. str.)														
D. purpuratus purpuratus Bonelli	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
violaceus Bonelli														

(Subgenus LIODICAELUS Casey)														
D. laevipennis laevipennis LeConte	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
evanescens (Casey)														
Genus BADISTER Clairville														
(Subgenus BADISTER s. str.)														
B. ferrugineus Dejean	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
anthracinus LeConte														
B. neopulchellus Lindroth	–	–	NT	BC	AB	SK	MB	ON	PQ	–	NS	PE	–	–
B. notatus Haldeman	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
angustus Casey														
gilvipes Casey														
terminalis LeConte														
B. obtusus LeConte	–	–	NT	–	AB	SK	MB	ON	PQ	–	NS	–	–	–
B. pulchellus LeConte	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
(Subgenus BAUDIA Ragusa)														
B. grandiceps Casey	–	–	–	BC	AB	–	MB	ON	PQ	–	NS	–	–	–
B. transversus Casey	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
B. ocularis Casey	–	–	–	–	–	–	–	ON	PQ	NB	NS	PE	–	–
B. parviceps Ball	–	–	–	BC	–	–	MB	ON	PQ	–	–	–	–	–
B. reflexus LeConte	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
seclusus Blatchley														

Tribe Oodini

Genus OODES Bonelli														
O. amaroides Dejean	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
O. americanus Dejean	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
fluvialis LeConte														
O. brevis Lindroth	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
Genus LACHNOCREPIS LeConte														
L. parallela (Say)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
Genus STENOCREPIS Chaudoir														
(Subgenus STENOUS Chaudoir)														
S. cuprea (Chaudoir)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
leucodactyla (LaFerté-Sénectère)														

Tribe Panagaeini

Genus PANAGAEUS Latreille														
P. fasciatus Say	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Tribe Callistini

Genus CHLAENIUS Bonelli
Key to North American species: Bell (1960)

(Subgenus EURYDACTYLUS LaFerté-Sénectère)														
(*Glyptoderus* LaFerté-Sénectère)														
C. tomentosus tomentosus (Say)	–	–	–	–	AB	SK	MB	ON	PQ	–	–	–	–	–
amplus LeConte														
lacustrinus Casey														
luctuosus Germar														
(Subgenus ANOMOGLOSSUS Chaudoir)														
C. emarginatus Say	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
delectans (Casey)														
gravis (Casey)														
semotus (Casey)														

C. pusillus Say	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
elegantulus Dejean														
nanulus (Casey)														
(Subgenus CHLAENIUS s. str.)														
C. aestivus Say	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
cobaltinus Dejean														
congener LeConte														
C. cordicollis Kirby	–	–	–	–	–	–	MB	ON	PQ	NB	–	–	–	–
C. erythropus Germar	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
oblongipennis Casey														
rufilabris Dejean														
umbritarsis Casey														
C. laticollis Say	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
brachyderus Chaudoir														
brevicollis LeConte														
rufipes Dejean														
C. sericeus sericeus (Forster)	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	NF
perviridis LeConte														
uteanus Casey														
C. solitarius Say	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
chlorophanus Dejean														
(Subgenus CHLAENIELLUS Reitter)														
C. brevilabris LeConte	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
(?) *consimilis* LeConte														
texanellus Casey														
C. impunctifrons Say	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
C. nebraskensis LeConte	–	–	–	–	AB	SK	–	–	–	–	–	–	–	–
sedulus Casey														
C. nemoralis Say	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
longicollis Chaudoir														
C. pensylvanicus pensylvanicus Say	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	NF
(?) *fulgiceps* Newman														
impunctifrons Kirby														
pubescens Harris														
vicinus Dejean														
C. tricolor Dejean	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
atripennis LeConte														
chalybeipennis Chevrolat														
jacinto Casey														
quadricollis Kirby														
vigilans Say														
(Subgenus BRACHYLOBUS Chaudoir)														
C. lithophilus lithophilus Say	–	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	NF
smaragdiger Motschulsky														
viridanus Dejean														
(Subgenus AGOSTENUS Motschulsky)														
C. alternatus Horn	AK	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
albertanus Casey														
C. harpalinus Eschscholtz	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
crestonensis W.J. Brown														
C. interruptus Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. niger Randall	–	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	NF
ludovicianus Leng														
§														
C. purpuricollis Randall	–	–	NT	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
frostii Carr														
punctipennis Casey														

Tribe Pentagonicini

Genus PENTAGONICA Schmidt-Goebel														
Didetus LeConte														
Rhombodera Reiche														
P. picticornis Bates	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Tribe Perigonini

Genus PERIGONA Castelnau
Trechicus LeConte

P. nigriceps (Dejean)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
umbripennis (LeConte)														
P. pallipennis (LeConte)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Tribe Platynini

Genus CALATHUS Bonelli
Key to North American species: Ball and Nègre (1972)

(Subgenus CALATHUS s. str.)
(*Fuscocalathus* Nègre)

C. fuscipes (Goeze)†	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

(Subgenus NEOCALATHUS Ball & Nègre)

C. gregarius (Say)	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
distinguendus LeConte														
C. ingratus Dejean	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	NF
acomanus Casey														
aquilus Casey														
beringi Casey														
calator Casey														
coloradensis Casey														
confusus LeConte														
incommodus Mannerheim														
labradorinus Casey														
nanulus Casey														
planifer Casey														
reductus Casey														
C. opaculus LeConte	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
alutaceus Casey														
appalachius Casey														
obesulus Casey														
sonoricus Casey														
ventricosus Casey														
C. ruficollis grandicollis Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

(Subgenus PROCALATHUS Jedlicka)

C. advena (LeConte)	AK	–	–	BC	AB	SK	–	ON	PQ	–	–	–	LB	NF
binarius (Casey)														
breviusculus (Mannerheim)														
brunnescens (Mannerheim)														
dulcis (Mannerheim)														
lenis (Mannerheim)														
mollis (Eschscholtz)														
scolopax (Casey)														

Genus LAEMOSTENUS Bonelli
Key to species: Casale (1988)

(Subgenus LAEMOSTENUS s. str.)

L. complanatus (Dejean)†	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

(Subgenus PRISTONYCHUS Dejean)

L. terricola (Herbst)†	–	–	–	BC	–	–	–	–	PQ	NB	NS	PE	–	NF

Genus SYNUCHUS Gyllenhal
Pristodactyla Dejean
Key to species: Lindroth (1956)

S. impunctatus (Say)	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	NF
americanus (Dejean)														
americanus (LeConte)														
convexus (Casey)														
corvinus (LeConte)														

Genus OLISTHOPUS Dejean
Odontonyx Stephens

O. micans LeConte	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
O. parmatus (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
cinctus Say														
iterans Casey														
pictus Casey														
Genus SERICODA Kirby														
Agonodromius Reitter														
S. bembidioides Kirby	AK	YK	NT	BC	AB	SK	MB	–	–	–	–	–	–	–
cicatricosa Motschulsky														
colonica Casey														
monticola Casey														
S. bogemannii (Gyllenhal)*	AK	YK	–	BC	AB	–	–	–	–	–	–	–	–	–
invidiosa Casey														
strigicolle (Mannerheim)														
tacomae Casey														
S. obsoleta (Say)	–	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	LB	NF
consimile (LeConte)														
insulina Casey														
luctuosa (Dejean)														
vicina (Gemminger & Harold)														
S. quadripunctata (DeGeer)*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	LB	NF
octocola (Mannerheim)														
stigmosa (LeConte)														
Genus ANCHOMENUS Bonelli														
Tetraleucus Casey														
A. picticornis Newman	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
Genus PSEUDANCHUS Casey														
P. aeneolus (LeConte)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
bjorkmanae Gray & Hatch														
P. quadratus (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
dilleyanus (Casey)														
metuens (Casey)														
Genus ATRANUS LeConte														
A. pubescens (Dejean)	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
obconicus (Haldeman)														
pallescens Casey														
Genus RHADINE LeConte														
Comstockia Van Dyke														
R. lindrothi Barr	–	–	–	–	AB	SK	–	–	–	–	–	–	–	–
Genus PARANCHUS Lindroth														
P. albipes (Fabricius)†	–	–	–	–	–	–	–	–	–	NB	NS	–	–	NF
clemens (LeConte)														
Genus OXYPSELAPHUS Chaudoir														
Anchus LeConte														
O. puncticeps (Casey)	–	–	–	BC	–	SK	MB	ON	PQ	–	NS	PE	–	–
pusillus (LeConte)														
Genus AGONUM Bonelli														
(Subgenus EUROPHILUS Chaudoir)														
A. anchomenoides Randall	AK	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	NF
lanellum Gray														
A. canadense Goulet	–	–	–	–	–	–	MB	ON	PQ	NB	NS	–	–	–
A. consimile (Gyllenhal)*	AK	YK	NT	BC	AB	–	MB	ON	PQ	–	NS	–	LB	NF
fragile (Mannerheim)														
invalidum Casey														
A. darlingtoni Lindroth	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
A. exaratus (Mannerheim)*	AK	YK	NT	BC	–	–	MB	–	–	–	–	–	–	–
A. galvestonicum (Casey)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

A. gratiosum (Mannerheim)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF
antiquum (Notman)														
carri (Casey)														
properans (Casey)														
ruficorne (LeConte)														
symmetricum (Casey)														
A. lutulentum (LeConte)	–	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	–
adustum (Casey)														
atriceps (Casey)														
elegantulum (Casey)														
A. palustre Goulet	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
A. picicornoides Lindroth	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	–
A. retractum LeConte	–	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	NF
collusor (Casey)														
dilutipenne (Motschulsky)														
elongatulum Haldeman														
facile (Casey)														
serenum (Casey)														
A. simile Kirby	AK	YK	–	BC	AB	SK	MB	–	–	–	–	–	–	–
A. sordens Kirby	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF
ineptum (Casey)														
frosti (Casey)														
picicorne (LeConte)														
A. superioris Lindroth	AK	–	NT	–	AB	–	MB	ON	PQ	NB	–	–	–	–
A. thoreyi Dejean*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	NF
gemellum (LeConte)														
(?) *lenum* Dejean														
picipenne Kirby														
(Subgenus PLATYNOMICRUS Casey)														
A. bicolor (Dejean)*	AK	YK	NT	BC	AB	–	–	–	–	–	–	–	–	–
marginellum (LeConte)														
A. ferruginosum (Dejean)	AK	–	–	BC	AB	SK	–	–	–	–	–	–	–	–
erasum (LeConte)														
marcidum (Casey)														
wadei (Casey)														
A. nigriceps LeConte*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	–	PE	–	NF
fragilissimum (Casey)														
A. piceolum (LeConte)	–	–	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	NF
dissensum (Casey)														
fractum (Casey)														
frigidulum (Casey)														
lascivum (Casey)														
tritum (Casey)														
(Subgenus AGONUM s. str.)														
(*Melanagonum* Casey)														
(*Paragonum* Casey)														
(*Punctagonum* Casey)														
(*Taphranchus* Casey)														
A. affine Kirby	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF
carbo (LeConte)														
A. albicrus Dejean	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
A. belleri (Hatch)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. brevicolle Dejean	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
frater (LeConte)														
A. corvus (LeConte)	–	–	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
debiliceps Casey														
hyslopi Casey														
A. cupreum Dejean	AK	–	NT	BC	AB	SK	MB	ON	PQ	NB	–	–	–	–
borealinum Casey														
chalceum LeConte														
crassicolle (LeConte)														
cupreolucens Casey														
esuriale Casey														
longulum Casey														
marquettense Casey														
ovalicauda Casey														
parallelum Casey														
protractum (LeConte)														
seminitidum Kirby														

A. cupripenne (Say)	–	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	NF
gemmeum Casey														
nitidulum Dejean														
A. deceptivum (LeConte)	–	–	–	–	–	–	–	–	–	–	NS	–	–	–
A. excavatum Dejean	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
ontarionis (Casey)														
trinarium (Casey)														
A. fidele Casey	–	–	–	–	–	–	–	ON	PQ	NB	NS	PE	–	–
laeve (LeConte)														
molestum (LeConte)														
subinflatum Casey														
A. harrisii LeConte	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	–
aethiops Casey														
mordax Casey														
A. melanarium Dejean	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	–
maurum Haldeman														
militare Casey														
(?) *scutellare* (Say)														
A. metallescens (LeConte)	–	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
lacustre Casey														
terracense Casey														
A. moerens Dejean	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
A. muelleri (Herbst)†	–	–	–	BC	–	–	–	ON	PQ	NB	NS	PE	–	NF
hardyi (LeConte)														
A. mutatum (Gemminger & Harold)	AK	–	–	BC	–	SK	MB	ON	PQ	NB	NS	PE	LB	NF
atratum (LeConte)														
A. octopunctatum (Fabricius)	–	–	–	–	–	–	–	ON	PQ	NB	NS	PE	–	–
A. placidum (Say)	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF
amplior Casey														
aztecanum Casey														
citatum Casey														
morosum Dejean														
rhodeanum Casey														
A. propinquum (Gemminger & Harold)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	NF
amens Casey														
fraterculum (LeConte)														
humile Casey														
insuetum Casey														
piceum LeConte														
A. quinquepunctatum Motschulsky*	AK	YK	NT	–	AB	SK	MB	–	PQ	–	–	–	LB	–
perforatum (LeConte)														
A. subsericeum (LeConte)	–	–	–	BC	AB	SK	–	–	–	–	–	–	–	–
latiusculum Casey														
suffusum Casey														
uteanum Casey														
viridissimum Casey														
A. tenue (LeConte)	–	–	–	–	–	–	–	ON	PQ	NB	NS	PE	–	–
A. trigeminum Lindroth	–	–	–	–	–	–	MB	ON	PQ	NB	NS	PE	–	–
(Subgenus MICRAGONUM Casey)														
(*Circinalidia* Casey)														
A. aeruginosum Dejean	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
undulatum (Casey)														
A. nutans (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
femoratum Dejean														
A. striatopunctatum Dejean	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
breviceps (Casey)														
decipiens LeConte														
luculentum (Casey)														
A. variolatum (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
coronadinum (Casey)														
(?) *limbatum* Motschulsky														
shastanicum (Casey)														
(Subgenus CIRCINALIA Casey)														
A. crenistriatum (LeConte)	–	–	–	–	–	–	–	ON	PQ	–	NS	PE	–	–
liticola (Casey)														
politissimum (Casey)														
roticolle (Casey)														
statenense (Casey)														
A. punctiforme (Say)	–	–	–	–	–	–	–	–	?	–	–	–	–	–

foveicolle Chaudoir														
ludovicianum (Casey)														
A. rufipes Dejean	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
rubripes (Zimmermann)														
(Subgenus STEREAGONUM Casey)														
A. errans (Say)	–	–	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
erythropus Kirby														
subcordatum (LeConte)														
A. ferreum Haldeman	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
ocreatum Haldeman														
quadrulum (Casey)														
solidulum (Casey)														
(Subgenus STICTANCHUS Casey) Key to species: Liebherr (1986)														
A. decorum (Say)	–	–	–	BC	–	SK	MB	ON	PQ	–	–	–	–	–
arenarium (Casey)														
californicum (Dejean)														
charmis (Bates)														
hornii (Hausen)														
impictum (Casey)														
irruptum (Casey)														
luxatum (Casey)														
obscurum (LeConte)														
simplex (LeConte)														
solutum (Casey)														
syracusense (Hatch)														
tepidum (Casey)														
testaceonotum (Hausen)														
thoracicum (Dejean)														
uteanum (Casey)														
vinnulum (Casey)														
A. extensicolle (Say)	–	–	–	–	–	SK	MB	ON	PQ	NB	NS	–	–	–
clientulum (Casey)														
(?) *cyanescens* (Motschulsky)														
gaudens (Casey)														
lecontei LeConte														
obscuratum (Chaudoir)														
proximum (Harris)														
vigilans (Casey)														
viride (LeConte)														
(Subgenus DERATANCHUS Casey)														
A. quadrimaculatum (Horn)	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
Genus PLATYNUS Bonelli														
(Subgenus PLATYNUS s. str.)														
P. brunneomarginatus (Mannerheim)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
bicolor LeConte														
bicoloratus Gemminger & Harold														
cinctellus LeConte														
marginatus (Ménétries)														
rugiceps (Mannerheim)														
tenebricosus Gemminger & Harold														
P. cincticollis (Say)	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
(?) *blandus* Germar														
corvinus (Dejean)														
deplanatus (Chaudoir)														
(?) *maculifrons* (Say)														
marginalis (Haldeman)														
P. decentis (Say)	AK	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF
albertanus (Casey)														
aleneanus (Casey)														
coracinus (LeConte)														
depressus (Haldeman)														
gagates (Dejean)														
iowanus (Casey)														
missourianus (Casey)														
oblongipennis (Casey)														

pacatus (Casey)														
sinuatus (Dejean)														
turbidus (Casey)														
P. mannerheimii (Dejean)*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF
interstitialis (Motschulsky)														
octofoveolatus (Maklin)														
stygicus LeConte														
P. opaculus LeConte	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
boopis (Casey)														
inquisitor (Casey)														
P. tenuicollis (LeConte)	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
distinguendus (Casey)														
marginatus (LeConte)														
pennsylvanicus (Casey)														
reflexus LeConte														
(Subgenus PLATYNIDIUS Casey)														
P. hypolithos (Say)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
erythropus Dejean														
ontariensis (Casey)														
P. ovipennis (Mannerheim)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
arachnoides (Casey)														
maurus (Motschulsky)														
rotundipennis (Motschulsky)														
similatus (Casey)														

Tribe Ctenodactylini

Genus LEPTOTRACHELUS Latreille														
Sphaeracra Say														
L. dorsalis (Fabricius)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Tribe Odacanthini

Genus COLLIURIS DeGeer														
(Subgenus COSNANIA Dejean)														
(*Odacanthella* Liebke)														
C. pensylvanica (Linné)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Tribe Masoreini

Genus TETRAGONODERUS Dejean														
T. fasciatus (Haldeman)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
undulatus LeConte														

Tribe Lebiini

Genus LEBIA Latreille														
Key to North American species: Madge (1967)														
(Subgenus LOXOPEZA Chaudoir)														
L. atriceps LeConte	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
nanulina (Casey)														
L. atriventris Say	–	–	–	–	–	SK	MB	ON	PQ	–	–	–	–	–
enormis (Casey)														
L. grandis Hentz	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
magister (Casey)														
majuscula (Chaudoir)														
rivularis (Casey)														
L. tricolor Say	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
(Subgenus LAMPRIAS Bonelli)														
L. divisa LeConte	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
concinna LeConte														
(Subgenus LEBIA s. str.)														
(*Aphelogenia* Chaudoir)														

(*Dianchomena* Chaudoir)														
(*Metabola* Chaudoir)														
L. analis Dejean	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
anchora Chevrolat														
appendiculata Chaudoir														
bonellii Putzeys														
(?) *subfigurata* Motschulsky														
L. cyanipennis Dejean	–	–	–	BC	AB	SK	–	–	–	–	–	–	–	–
barbarae Casey														
montana Horn														
melaena Hatch														
ruficollis LeConte														
L. fuscata Dejean	–	–	–	BC	–	–	MB	ON	PQ	NB	NS	PE	–	–
canonica Casey														
L. guttula LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
metuens Casey														
pacifica Casey														
L. lobulata LeConte	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
(?) *brunnicollis* Motschulsky														
L. moesta LeConte	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	–	LB	NF
cynica Casey														
L. ornata Say	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
(?) *apicalis* (Haldeman)														
ashevillensis Casey														
axillaris Dejean														
brunnea Haldeman														
erythrocephala Dejean														
flaviventris Motschulsky														
fluviatilis Casey														
frigida Chaudoir														
marginella Dejean														
nigripennis Dejean														
reperta Casey														
virginica Casey														
L. perita Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
L. pleuritica LeConte	–	–	–	–	–	SK	–	ON	–	–	–	–	–	–
L. pulchella Dejean	–	–	–	–	AB	SK	MB	ON	–	–	–	–	–	–
rufopyga (Chaudoir)														
tahoensis Casey														
vivida (Bates)														
L. pumila Dejean	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	–
frugalis Casey														
illini Casey														
ludoviciana Casey														
maculicornis LeConte														
quadrata Casey														
rhodopa Schwarz														
tertiaria Casey														
L. solea Hentz	–	–	–	–	–	SK	MB	ON	PQ	–	NS	–	–	–
(?) *flavolineata* Motschulsky														
scapularis Dejean														
websteri Casey														
L. viridis Say	–	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	–
adolescens Casey														
bracata Casey														
castigata Casey														
cobaltina Casey														
(?) *cyanella* (Motschulsky)														
duluthiana Casey														
evoluta Casey														
histrica Casey														
incitata Casey														
magica Casey														
papago Casey														
planifera Casey														
prominens Casey														
smaragdula Dejean														
subaffinis Casey														
subopaca Schaeffer														
trajecta Casey														

truckeensis Casey														
vermiculina Casey														
viridis Dejean														
L. vittata (Fabricius)	–	–	–	BC	AB	SK	MB	ON	PQ	–	NS	–	–	–
amnicola Casey														
conjungens LeConte														
connecta (Chaudoir)														
debiliceps Casey														
depicta Horn														
flavovittata Chevrolat														
furcata LeConte														
sonomae Casey														
spraguei (Horn)														
tempeana Casey														
Genus DROMIUS Bonelli														
(Subgenus DROMIUS s. str.)														
(*Dinodromius* Casey)														
D. piceus Dejean	–	–	–	BC	AB	–	MB	ON	PQ	NB	NS	–	–	–
quadricollis LeConte														
Genus APRISTUS Chaudoir														
A. constrictus Casey	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
A. latens (LeConte)	–	–	–	–	–	SK	MB	ON	PQ	–	NS	–	–	–
(?) *fuscipennis* Motschulsky														
A. pugetanus Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. subsulcatus (Dejean)	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
cordicollis (LeConte)														
Genus MICROLESTES Schmidt-Goebel														
Blechrus Motschulsky														
Bomius LeConte														
M. brevilobus Lindroth	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
M. curtipennis (Casey)	–	–	–	–	AB	SK	–	–	–	–	–	–	–	–
M. linearis (LeConte)	–	–	–	BC	AB	SK	MB	ON	PQ	–	NS	–	–	–
angustus (LeConte)														
prominulus (Casey)														
M. major Lindroth	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
M. nigrinus (Mannerheim)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
fretus (Casey)														
obispinus (Casey)														
M. pusio (LeConte)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
Genus SYNTOMUS Hope														
Metabletus Schmidt-Goebel														
S. americanus (Dejean)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF
borealis (Zimmermann)														
Genus AXINOPALPUS LeConte														
Variopalpis Solier														
A. biplagiatus (Dejean)	–	–	–	BC	AB	SK	–	ON	PQ	–	–	–	–	–
Genus CALLEIDA Dejean														
(Subgenus CALLEIDA s. str.)														
(*Spongoloba* Chaudoir)														
C. punctata LeConte	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
C. purpurea (Say)	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
cyanipennis Chaudoir														
smaragdina Dejean														
(Subgenus PHILOPHUGA Motschulsky)														
Key to species: Larson (1969)														
C. viridis amoena (LeConte)	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–
canora (Casey)														
obscura (Casey)														
puella (Casey)														

Genus TECNOPHILUS Chaudoir
Key to species: Larson (1969)

T. croceicollis peigani Larson	–	–	–	–	AB	SK	–	–	–	–	–	–	–	–

Genus CYMINDIS Latreille

(Subgenus PINACODERA Schaum)
(*Planesus* Motschulsky)

C. limbata Dejean	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
(?) *fuscicollis* (Motschulsky)														
(?) *laevigata* (Motschulsky)														
C. platicollis (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
fuscata Dejean														
virescens Drury														

(Subgenus CYMINDIS s. str.)

C. americana Dejean	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
continens Casey														
venator Dejean														
C. borealis LeConte	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
C. cribricollis Dejean	–	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	LB	NF
abstrusa LeConte														
acomana Casey														
alternans Casey														
alticola Casey														
caseyi Liebke														
kirbyi Casey														
marginata Kirby														
obliqua Casey														
planifera Casey														
reflexa LeConte														
rupimontis Casey														
sinuata Casey														
tarda Liebke														
C. interior Lindroth	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
C. neglecta Haldeman	–	–	–	–	AB	SK	MB	ON	PQ	NB	–	–	–	–
C. pilosa Say	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
cribrata LeConte														
pubescens Dejean														
C. planipennis LeConte	–	–	NT	BC	AB	SK	MB	–	PQ	–	–	–	–	–
bipartita Casey														
brevipennis Zimmermann														
directa Casey														
govanica Casey														
C. unicolor Kirby	AK	YK	NT	BC	AB	–	MB	ON	PQ	–	–	–	LB	NF
hudsonica LeConte														
parowana Casey														

Genus APENES LeConte

(Subgenus APENES s. str.)
(*Nominus* Motschulsky)

A. sinuatus (Say)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
pustulatus (Dejean)														

Tribe Zuphiini

Genus ZUPHIUM Latreille

Z. americanum Dejean	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Tribe Galeritini

Genus GALERITA Fabricius
Galeritina Jeannel
Galeritula Strand
Key to New World species: Reichardt (1967)

(Subgenus PROGALERITINA Jeannel)
Key to species: Ball & Nimmo (1983)

G. janus (Fabricius)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
ahasverus Liebke														
americana (Fabricius)														
borealis Castelnau														
caseyi Leng														
caseyi Liebke														
cordicollis Chaudoir														
cyanipennis Dejean														
intermedia Casey														
occipitalis Casey														
thoracica Casey														

Family HALIPLIDAE crawling water beetles

R.E. Roughley

Haliplidae is a family of aquatic beetles that includes 37 species in Canada and Alaska. The adults are distinguished among aquatic beetles by their enlarged hind coxal plates suspended below the abdominal sterna. Adult haliplids swim slowly or crawl on submerged vegetation. Members of *Brychius* are found in erosional portions of streams. Those of other genera use a wide variety of freshwater habitats but are most often found in permanent, clean, nutrient-rich ponds and lakes or in slow backwaters of streams. Larvae feed on periphyton or algae. Adults are primarily algophagous but may be facultative scavengers.

The haliplids have often been placed near Dytiscidae in classifications. This position is maintained by Beutel and Roughley (1988), who, however, suggest that haliplids represent an independent invasion of the water (for alternative views, see Kavanaugh 1986). There is no recent taxonomic revision of the North American species. Matheson (1912) and Roberts (1913) provided the last comprehensive treatments. Proper species identification often requires examination of male genitalia. Therefore, previously widespread species are found to represent species complexes. A number of regional taxonomic works, such as Gordon and Post (1965), Matta (1976), Brigham (1982), Hilsenhoff and Brigham (1978), and Gunderson and Otremba (1988), are useful for interpreting the Canadian fauna.

AK (3); YK (4); NT (9); BC (23); AB (15); SK (10); MB (13); ON (17); PQ (18); NB (3); NS (3); LB (2); NF (4) • H (1)

Genus BRYCHIUS C.G. Thomson
Key to North American species: Carr (1928)

B. albertanus Carr	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
B. hornii Crotch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
B. hungerfordi Spangler	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
B. pacificus Carr	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus HALIPLUS Latreille
Key to North American species: Wallis (1933)

(Subgenus HALIPLUS s. str.)

H. allisonae Brigham	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
H. apicalis C.G. Thomson*	AK	YK	NT	BC	AB	SK	MB	–	–	–	–	–	–	–
strigatus Roberts														
H. blanchardi Roberts	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
H. distinctus Wallis	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
H. dorsomaculatus Zimmermann	–	–	–	BC	–	–	–	–	–	–	–	–	–	NF
H. falli Mank	AK	YK	NT	–	–	–	MB	–	PQ	–	–	–	–	–
H. immaculicollis Harris	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF
americanus Aubé														
impressus Kirby														
H. longulus LeConte	–	–	NT	BC	AB	–	MB	ON	PQ	–	–	–	–	–
hoppingi Wallis														
H. robertsi Zimmermann	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
pallidus Roberts														
H. stagninus Leech	–	–	NT	BC	AB	SK	MB	–	–	–	–	–	–	–

(Subgenus PARALIAPHLUS Wallis)

H. borealis LeConte	–	–	–	–	AB	SK	MB	ON	PQ	–	–	–	–	–
H. connexus Matheson	–	–	–	–	–	–	MB	ON	PQ	NB	NS	–	–	–
H. fasciatus Aubé	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
H. leopardus Roberts	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
H. pantherinus Aubé	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
H. triopsis Say	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

(Subgenus LIAPHLUS Guignot)

H. canadensis Wallis	–	–	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
H. columbiensis Wallis	–	–	NT	BC	–	–	–	–	–	–	–	–	–	–
H. cribrarius LeConte	–	YK	NT	BC	AB	SK	MB	ON	PQ	NB	–	–	LB	NF
H. leechi carteri Leech	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
H. leechi leechi Wallis	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
H. nitens LeConte	–	–	NT	–	–	–	–	ON	–	–	–	–	–	–
H. salinarius Wallis	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
H. salmo Wallis	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
H. subguttatus Crotch	–	–	NT	BC	AB	SK	MB	ON	PQ	–	NS	–	–	NF
H. ungularis Wallis	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
H. vancouverensis Matheson	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–

Genus PELTODYTES Régimbart
Cnemidotus Erichson

P. callosus (LeConte)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
P. duodecimpunctatus (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
P. edentulus (LeConte)	–	–	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
P. lengi Roberts	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
P. muticus (LeConte)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
P. tortulosus Roberts	–	–	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	–

Family AMPHIZOIDAE trout-stream beetles

Y. Bousquet

Amphizoidae is a small monogeneric family containing the genus *Amphizoa*, which has four species: three occur in western North America and one in the People's Republic of China, western Szechwan Province. Both larvae and adults are found crawling over submerged rocks, debris, or wood in rivers, fast-flowing mountain streams, or waterfalls. They apparently feed on living stonefly nymphs.

Kavanaugh (1986) recently revised the species of this family.

AK (1); YK (2); BC (3); AB (2)

Genus AMPHIZOA LeConte
Dysmathes Mannerheim

A. insolens LeConte	AK	YK	–	BC	AB	–	–	–	–	–	–	–	–	–
josephi Matthews														
sahlbergii (Mannerheim)														
A. lecontei Matthews	–	YK	–	BC	AB	–	–	–	–	–	–	–	–	–
carinata Edwards														
planata Van Dyke														
A. striata Van Dyke	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Family NOTERIDAE burrowing water beetles

R.E. Roughley

Noteridae is a family of aquatic beetles that includes only two species in Canada. Adults and larvae are found in standing water and are associated with dense masses of aquatic vegetation. The larvae of a European species burrow in the mud and take air from submerged plant tissue. Most North American larvae crawl on the substrate or pond vegetation. Adults are predaceous, and larvae may be omnivorous. A detailed study of the life history of any North American species is needed.

Taxonomically, Nearctic noterids are well known because all genera have been revised. No additional species are expected for the Canadian fauna. The classification of noterids is fairly well known (Beutel and Roughley 1987), and the systematic position of the family near Dytiscidae is well supported (Beutel and Roughley 1988, Kavanaugh 1986).

ON (2); PQ (1)

Genus HYDROCANTHUS Say
Key to New World species: Young (1985)

(Subgenus HYDROCANTHUS s. str.)

H. iricolor Say – – – – – – – ON PQ – – – – –
similator Zimmermann

Genus SUPHISELLUS Crotch
Key to North American species: Young (1979*a*)

S. puncticollis (Crotch) – – – – – – – ON – – – – – –

Family DYTISCIDAE predaceous diving beetles

D.J. Larson and R.E. Roughley

In Canada and Alaska 262 species of Dytiscidae are known, making this the largest family of aquatic beetles in the region. These beetles occur in a wide variety of shallow-water habitats. The richest fauna is in the emergent vegetation zone along the edges of pools, small ponds, and small, slow streams. A number of species are characteristic of cold-water habitats, such as small seepages and springs, as well as bog, forest, alpine, and arctic pools. Clear, gravelly streams and saline ponds each contain distinctive groups of species.

Adults are predators or scavengers, and all larvae are apparently predaceous. The range of prey taken probably is determined by what prey of suitable size is available, but some hydroporines feed largely on microcrustacea, whereas some colymbetines prey mainly on culicid larvae. As far as is known or can be inferred, all species in the fauna are univoltine or semivoltine. Most species overwinter as adults, but time of breeding and occurrence of larval stages vary greatly among species. Representative larvae of most genera have been described, but larvae are known for only a small percentage of species.

The family is relatively well known taxonomically. The principal taxonomic problems include relating the northern Nearctic fauna with that of the Palaearctic; analyzing and interpreting patterns of geographical variation, which in many species is complex; and developing supraspecific classification, especially within the larger genera. Identification of species may be difficult, as differences between species are often subtle. There is therefore a need for additional analysis to provide better species definitions and characters for their recognition. Reviews and revisions of many genera have been prepared or are in progress, but no single publication treats the entire fauna. The regional works of Hatch (1953) and Larson (1975) together cover most of the western and boreal species. Wallis (1973) and Larson and Colbo (1983) have published fairly complete faunal lists for Manitoba and Newfoundland, respectively. Leech and Chandler (1956) and D.S. White et al. (1984) provide good keys to adults and larvae of most North American genera. A number of works treating the fauna of various states have been published in the United States. Some of these works are especially valuable in interpreting the Canadian fauna: California (Leech and Chandler 1956), Florida (Young 1954), Maine (Malcolm 1971), Nevada (La Rivers 1951), North Dakota (Gordon and Post 1965), North and South Carolina (Brigham 1982), and Utah (R.D. Anderson 1962). Zaitzev (1953) outlined the Palaearctic distribution of Holarctic species.

AK (92); YK (111); NT (118); BC (167); AB (153); SK (124); MB (145); ON (155); PQ (147); NB (82); NS (77); PE (31); LB (74); NF (78) • H (45)

Subfamily COPELATINAE
Tribe Copelatini

Genus COPELATUS Erichson
Key to North American species: Young (1963*a*)

C. chevrolati Aubé *renovatus* Guignot	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
C. glyphicus (Say)	–	–	–	–	–	–	–	ON	PQ	–	NS	PE	–	NF

Subfamily AGABETINAE
Tribe Agabetini

Genus AGABETES Crotch

A. acuductus (Harris)	–	–	–	–	–	--	–	ON	PQ	–	–	–	–	–

Subfamily LACCOPHILINAE
Tribe Laccophilini

Genus LACCOPHILUS Leach
Key to North American species: Zimmerman (1970)

L. biguttatus Kirby* *inconspicuus* Fall *stroehmi* C.G. Thomson	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	–	–	LB	–
L. maculosus Say *californicus* Motschulsky *descipiens* LeConte *fusculus* Sharp *shermani* Leech *truncatus* Mannerheim	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	–
L. proximus Say *americanus* Aubé *confusus* Sharp	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
L. undatus Aubé	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Subfamily HYDROPORINAE
Tribe Hydrovatini

Genus HYDROVATUS Motschulsky
Key to North American species: Young (1956, 1963*b*)

H. pustulatus (Melsheimer) *compressus* Sharp *cuspidatus* auct. amer.	–	–	–	–	–	–	–	ON	PQ	–	– –	–	–	

Tribe Methlini

Genus CELINA Aubé
Key to North American species: Young (1979*b*)

C. hubbelli Young	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Tribe Hyphydrini

Genus DESMOPACHRIA Babington

D. convexa (Aubé)	–	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	–

Tribe Bidessini

Key to genera: Young (1967)

Genus BIDESSONOTUS Régimbart
Key to North American species: Young (1954)

B. inconspicuus (LeConte)	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
B. pulicarius (Aubé)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Genus LIODESSUS Guignot
Key to North American species: Larson and Roughley (1990)

L. affinis (Say) *charlotti* (Clark) *emilianus* (Clark) *erythrostomus* (Mannerheim)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	NF

macularis (LeConte)														
microreticulatus (Hatch)														
nanus (Aubé)														
nigrinus (Casey)														
obscurellus (LeConte)														
L. cantralli (Young)	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
L. flavicollis (LeConte)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
L. fuscatus (Crotch)	–	–	–	–	–	SK	MB	ON	PQ	–	NS	–	LB	–

Genus NEOCLYPEODYTES Young

N. ornatellus (Fall)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus UVARUS Guignot

U. granarius (Aubé)	–	–	–	–	–	–	MB	ON	PQ	NB	NS	–	–	–
U. lacustris (Say)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
U. subplicatus (Hatch)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Tribe Hydroporini

Genus HYGROTUS Stephens
Coelambus C.G. Thomson
Key to North American species: Anderson (1971, 1976, 1983)

H. acaroides (LeConte)	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
winnipeg (Wallis)														
H. bruesi (Fall)	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
H. compar (Fall)	AK	–	–	BC	AB	SK	MB	ON	PQ	NB	–	–	LB	–
H. dissimilis Gemminger & Harold	–	–	–	BC	AB	–	MB	ON	PQ	–	–	–	–	–
dispar (LeConte)														
H. falli (Wallis)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	NF
H. farctus (LeConte)	–	–	–	–	AB	SK	MB	–	PQ	NB	–	–	–	–
H. impressopunctatus (Schaller)*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF
similis (Kirby)														
H. infuscatus (Sharp)	–	YK	NT	BC	AB	SK	MB	–	–	–	–	–	–	–
dentiger (Fall)														
oregonus (Fall)														
H. intermedius (Fall)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
H. laccophilinus (LeConte)	–	–	NT	–	AB	SK	MB	ON	PQ	NB	NS	–	–	–
H. lutescens (LeConte)	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
impressifrons Motschulsky														
infacetus (Clark)														
medialis (LeConte)														
H. marklini (Gyllenhal)*	AK	YK	NT	–	AB	SK	MB	–	PQ	–	–	–	–	NF
canadensis (Fall)														
virgo (Fall)														
H. masculinus (Crotch)	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–
fastidiosus (Fall)														
H. nigrescens (Fall)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
H. novemlineatus hudsonicus (Fall)*	AK	YK	NT	–	–	–	MB	–	PQ	–	–	–	–	–
H. nubilus (LeConte)	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
H. obscureplagiatus (Fall)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
columbianus (W.J. Brown)														
H. patruelis (LeConte)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	–	–	LB	NF
borealis (Fall)														
discoideus (LeConte)														
quebecensis (W.J. Brown)														
H. picatus (Kirby)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF
H. punctilineatus (Fall)	–	YK	–	BC	AB	SK	MB	ON	–	–	–	–	–	–
H. salinarius (Wallis)	–	–	NT	–	AB	SK	MB	–	–	–	–	–	–	–
H. sayi Balfour-Browne	–	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF
punctatus (Say)														
H. sellatus (LeConte)	–	–	NT	–	AB	SK	MB	ON	–	–	–	–	–	–
H. semivittatus (Fall)	–	–	–	BC	AB	–	MB	–	–	–	–	–	–	–
H. suturalis (LeConte)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	–	–	LB	NF
ovoideus (LeConte)														
H. sylvanus (Fall)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
H. tumidiventris (Fall)	–	–	NT	BC	AB	SK	MB	ON	–	–	–	–	–	–
H. turbidus (LeConte)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	NS	PE	–	–
H. unguicularis (Crotch)*	AK	YK	NT	BC	AB	SK	MB	–	PQ	–	–	–	LB	NF
mongolicus (Jakovlev)														

Genus HYDROPORUS Clairville

(Subgenus HETEROSTERNUTA Strand)
(*Heterosternus* Zimmermann)
(*Heterostethus* Falkenstrom)
Key to species: Matta and Wolfe (1981)

H. alleghenianus Matta & Wolfe	–	–	–	–	–	–	–	–	PQ	NB	–	–	–	–
H. cocheconis Fall	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
H. pulcher LeConte	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	LB	NF
H. wickhami Zaitzev	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
concinnus LeConte														

(Subgenus SANFILIPPODYTES Franciscolo)

H. browni Wallis	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
H. brumalis W.J. Brown	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
H. compertus W.J. Brown	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
H. edwardsi Wallis	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
H. falsificus W.J. Brown	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
H. pacificus Fall	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
H. planiusculus Fall	–	–	–	BC	AB	SK	MB	ON	PQ	–	–	–	LB	NF
H. terminalis Sharp	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

§

H. acadianus Balfour-Browne	–	–	–	–	–	–	–	–	–	–	NS	–	–	–
H. persimilis Crotch	–	–	–	–	–	–	–	–	PQ	–	NS	–	LB	NF
aequus Fall														
H. paugus Fall	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	LB	NF
H. rubyae Larson	–	YK	NT	BC	AB	SK	MB	ON	PQ	NB	–	–	LB	NF
H. stagnalis Gemminger & Harold	–	–	NT	–	AB	SK	MB	ON	PQ	NB	NS	PE	–	NF
collaris LeConte														

(Subgenus NEOPORUS Guignot)
(*Circinoporus* Guignot)
Key to species: Fall (1923) and Wolfe (1984)

H. blanchardi Sherman	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
H. carolinus Fall	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	LB	NF
H. clypealis Sharp	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	NF
anticus Sharp														
H. dilatatus Fall	–	–	–	–	–	–	–	–	–	NB	–	–	–	–
H. dimidiatus Gemminger & Harold	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
semirufus LeConte														
H. mellitus LeConte	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
H. mixtus LeConte	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
H. solitarius Sharp	–	–	–	–	–	SK	MB	ON	PQ	NB	NS	PE	LB	NF
H. spurius LeConte	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
peltatus Sharp														
H. sulcipennis Fall	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
H. superioris Balfour-Browne	–	–	NT	BC	AB	SK	MB	ON	–	–	–	–	–	–
sericeus LeConte														
H. tennetum Wolfe	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
H. undulatus Say	–	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF
anticus Sharp														
consimilis LeConte														
fasciatus Harris														
placatus Fall														
pubipennis Aubé														
punctatissimus Aubé														
scrutator Sharp														
velutinus Aubé														
H. vittatus LeConte	–	–	–	–	AB	SK	MB	ON	–	–	–	–	–	–
H. vitiosus LeConte	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

(Subgenus HYDROPORUS s. str.)
Key to North American species: Fall (1923)

H. appalachius Sherman	–	YK	NT	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
signatus Sharp														
H. badiellus Fall	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	LB	NF
H. brevicornis Fall	–	–	–	–	–	–	–	–	PQ	NB	NS	–	LB	NF
H. carri Larson	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
H. columbianus Fall	–	YK	NT	BC	AB	SK	MB	ON	PQ	NB	–	–	–	–

H. dentellus Fall	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	–
H. despectus Sharp	–	YK	NT	BC	AB	–	MB	ON	PQ	–	NS	–	–	NF
rusticus Sharp														
H. dichrous Melsheimer	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
discicollis Say														
H. fatigus Gordon	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
H. fortis LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
H. funestus Fall	–	–	–	BC	–	SK	–	–	–	–	–	–	–	–
H. fuscipennis Schaum*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	–	–	LB	NF
criniticoxis Larson														
piceus Sturm														
puberulus Mannerheim														
H. lapponum Gyllenhal	AK	YK	NT	BC	–	–	MB	ON	PQ	–	–	–	LB	NF
labradorensis Fall														
H. larsoni Nilsson	–	YK	NT	BC	AB	SK	MB	–	PQ	–	–	–	LB	–
H. longiusculus Gemminger & Harold	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
oblongus Aubé														
H. mannerheimi Balfour-Browne	AK	YK	NT	BC	AB	–	–	–	–	–	–	–	–	–
humeralis Aubé														
H. melsheimeri Fall	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
H. morio Aubé*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	–	–	LB	NF
caliginosus LeConte														
melanocephalus Gyllenhal														
H. nigellus Mannerheim*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	–	–	LB	NF
H. niger Say	–	–	–	–	–	–	–	ON	PQ	NB	NS	PE	–	NF
latifrons Sharp														
modestus Aubé														
H. notabilis LeConte	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF
arcticus C.G. Thomson														
H. obscurus Sturm*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	–	–	LB	NF
hockingi Larson														
H. occidentalis Sharp	–	YK	–	BC	AB	SK	–	–	–	–	–	–	–	–
H. pervicinus Fall	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–
H. polaris Fall	AK	YK	NT	–	–	–	MB	–	PQ	–	–	–	–	–
subvirescens Fall														
H. puberulus LeConte*	AK	YK	NT	BC	AB	–	MB	ON	PQ	NB	–	–	LB	NF
levanderi J. Sahlberg														
H. rectus Fall	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	–	–	LB	NF
H. rufinasus Mannerheim	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	NS	–	–	–
H. sibiricus J. Sahlberg*	AK	YK	NT	–	–	–	–	–	–	–	–	–	–	–
boreus Gordon														
H. signatus Mannerheim	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF
inornatus Sharp														
youngi Gordon														
H. similaris Fall	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
H. sinuatipes Fall	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
H. striola (Gyllenhal)*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	LB	NF
ambiguus Aubé														
subtonsus LeConte														
vittula Erichson														
H. tademus Leech	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
H. tartaricus LeConte*	AK	YK	NT	BC	AB	–	MB	ON	PQ	–	–	–	–	–
caminarius Motschulsky														
lugubris Motschulsky														
melancholicus Motschulsky														
H. tenebrosus LeConte	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	NS	–	–	NF
luridipennis LeConte														
lutulentus LeConte														
H. transpunctatus H.P. Chandler	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
H. tristis (Paykull)*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	LB	NF
elongatulus Schiodte														
ruficapillus Mannerheim														
varians LeConte														

Genus POTAMONECTES Zimmermann
Deronectes auct. amer.
Potamodytes Zimmermann
Key to North American species: Zimmerman and Smith (1975*a*)

P. aequinoctialis (Clark)	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
P. deceptus (Fall)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

P. depressus (Fabricius)*	–	–	NT	–	AB	–	MB	–	–	–	–	–	–	–
P. elegans (Panzer)*	–	–	–	BC	AB	SK	MB	ON	–	–	–	–	–	–
P. griseostriatus (DeGeer)*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF
catascopium (Say)														
coloradensis (Fall)														
mathiasi (Hatch)														
parallelus (Say)														
suffusus (Sharp)														
P. rotundatus (LeConte)	–	–	–	–	–	–	–	ON	PQ	NB	NS	PE	LB	NF
P. spenceri (Leech)	–	YK	–	BC	AB	SK	MB	–	–	–	–	–	–	–
P. striatellus (LeConte)	–	YK	NT	BC	AB	SK	MB	–	–	–	–	–	–	–
infaustus (Clark)														
pulcher (Motschulsky)														

Genus OREODYTES Seidlitz
Key to North American species: Zimmerman (1985)

O. alaskanus (Fall)	AK	YK	–	BC	AB	–	–	–	–	–	–	–	–	–
productotruncatus (Hatch)														
rainieri (Hatch)														
recticollis (Fall)														
O. angustior (Hatch)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
O. congruus (LeConte)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
O. crassulus (Fall)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
O. laevis (Kirby)	AK	YK	NT	BC	AB	–	MB	ON	PQ	–	–	–	LB	NF
duodecimlineatus (LeConte)														
hortensis (Hatch)														
semiclarus (Fall)														
yukonensis (Fall)														
O. leechi Zimmerman	AK	YK	–	–	–	–	–	–	–	–	–	–	–	–
O. obesus cordillerensis Larson	–	YK	–	BC	AB	–	–	–	–	–	–	–	–	–
O. picturatus (Horn)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
O. quadrimaculatus (Horn)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
brodei (Gellerman)														
O. sanmarkii (C.R. Sahlberg)*	–	YK	NT	–	–	–	–	–	–	–	–	–	–	–
rivalis (Gyllenhal)														
O. scitulus (LeConte)	–	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
bisulcatus (Fall)														
O. snoqualmie (Hatch)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–

Genus LACCORNIS des Gozis
Agaporus Zimmermann
Key to species: Wolfe and Roughley (1990)

L. conoideus (LeConte)	–	YK	NT	BC	AB	SK	MB	ON	PQ	NB	–	–	–	NF
L. deltoides (Fall)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
L. latens (Fall)	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
L. oblongus (Stephens)*	–	–	NT	–	–	–	–	–	–	–	–	–	–	–
L. pacificus Leech	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–

Subfamily COLYMBETINAE
Tribe Agabini
Key to North American genera: Leech (1942)

Genus AGABINUS Crotch
Key to species: Leech (1941)

A. glabrellus (Motschulsky)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. sculpturellus Zimmermann	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus AGABUS Leach
Allonychus Zaitzev
Anisomera LeConte
Apator Semenov
Arctodytes C.G. Thomson
Gaurodytes C.G. Thomson
Heteronychus Seidlitz
Ilybiosoma Crotch
Key to North American species: Fall (1922*b*), Larson (1989)

A. adpressus Aubé*	AK	YK	NT	BC	–	–	–	–	–	–	–	–	–	–
solus Leech														

Dytiscidae

A. aeruginosus Aubé	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
dispositus Guignot														
A. ajax Fall	–	YK	NT	BC	AB	SK	MB	ON	PQ	–	–	–	LB	–
fuscipennis auct. amer.														
A. ambiguus (Say)	–	YK	–	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF
fimbriatus LeConte														
reticulatus Aubé														
A. antennatus Leech	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	–	–	LB	–
clavatus LeConte														
A. anthracinus Mannerheim	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	LB	NF
scapularis Mannerheim														
A. approximatus Fall	–	–	NT	BC	AB	SK	–	–	–	–	–	–	–	–
A. arcticus (Paykull)*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	–	–	LB	NF
reticulatus (Kirby)														
subfasciatus LeConte														
A. audeni Wallis	AK	YK	NT	BC	AB	SK	MB	–	–	–	–	–	–	–
A. austinii Sharp	AK	YK	NT	BC	AB	–	–	–	–	–	–	–	–	–
A. bicolor (Kirby)	AK	YK	NT	BC	AB	SK	MB	ON	–	–	NS	–	–	–
mutus Sharp														
A. bifarius (Kirby)*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	LB	–
kessleri Hochhuth														
A. bjorkmanae Hatch	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
rectus (LeConte)														
A. canadensis Fall	–	YK	–	BC	AB	SK	MB	–	–	–	–	–	–	–
A. clavicornis Sharp*	AK	YK	NT	BC	–	SK	MB	–	–	–	–	–	–	–
verus W.J. Brown														
A. colymbus Leech	–	YK	NT	–	–	–	MB	–	–	–	–	–	–	–
A. confertus LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. confinis (Gyllenhal)*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	NS	–	LB	NF
longulus (LeConte)														
ovoideus (Crotch)														
A. coxalis Sharp*	AK	YK	NT	BC	–	–	–	–	–	–	–	–	–	–
A. discolor (Harris)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	–
A. discors LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. disintegratus (Crotch)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
A. elongatus (Gyllenhal)*	AK	YK	NT	BC	AB	SK	MB	–	–	–	–	–	–	–
bryanti Carr														
A. erichsoni Gemminger & Harold*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	LB	NF
lutosus (Crotch)														
nigroaeneus Erichson														
sobrinus Motschulsky														
A. erythropterus (Say)	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	NF
A. falli (Zimmermann)	–	–	–	–	AB	SK	MB	ON	PQ	–	–	–	–	–
semipunctatus auct. amer.														
sharpi Fall														
A. fuscipennis (Paykull)*	AK	YK	NT	BC	AB	SK	MB	ON	–	–	–	–	–	–
ontarionis Fall														
A. gagates Aubé	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
A. hypomelas Mannerheim	AK	–	–	BC	AB	–	–	–	–	–	–	–	–	–
irregularis Mannerheim														
A. infuscatus Aubé	AK	YK	NT	BC	AB	–	MB	ON	PQ	–	–	–	LB	NF
A. inscriptus (Crotch)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	NS	–	LB	NF
A. leptapsis (LeConte)	–	YK	–	BC	AB	SK	MB	ON	PQ	NB	NS	–	LB	NF
A. lugens LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
perplexus Sharp														
suturalis (Crotch)														
A. lutosus LeConte	–	–	–	BC	AB	SK	–	–	–	–	–	–	–	–
discolor LeConte														
lecontei (Crotch)														
mimus Leech														
A. margaretae Larson	–	–	–	–	AB	SK	–	–	–	–	–	–	–	–
A. moestus (Curtis)*	AK	YK	NT	–	–	–	MB	ON	PQ	–	–	–	–	–
borealis Sharp														
nigripalpis (J. Sahlberg)														
A. nectris Leech	–	–	–	BC	AB	SK	–	–	–	–	–	–	–	–
A. oblongulus Fall	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. obtusatus (Say)	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
nitidus (Say)														
A. opacus Aubé*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	–	–	LB	NF
gelidus Fall														
pseudoconfertus Wallis														
sharpi Jacobson														

A. phaeopterus (Kirby)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF
A. pisobius Leech	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
A. punctulatus Aubé *aeneolus* (Crotch)	–	YK	–	–	AB	SK	MB	ON	PQ	NB	–	–	LB	–
A. semipunctatus (Kirby) *stridulator* Sharp	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	LB	NF
A. semivittatus LeConte *spilotus* LeConte *texanus* Sharp	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
A. seriatus (Say) *arctus* Melsheimer *intersectus* Crotch *parallelus* LeConte *striatus* Aubé	–	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	LB	NF
A. smithi W.J. Brown	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
A. strigulosus (Crotch) *nanus* (LeConte)	AK	YK	NT	BC	AB	SK	MB	–	–	–	–	–	–	–
A. subfuscatus Sharp	–	–	–	–	–	–	MB	ON	PQ	NB	NS	PE	–	–
A. thomsoni (J. Sahlberg)*	AK	YK	NT	BC	AB	SK	MB	–	PQ	–	–	–	LB	NF
A. tristis Aubé* *atratus* Mannerheim *crotchi* Zaitzev *dubius* Mannerheim *piceus* Zaitzev *piceolus* Zaitzev *subopacus* Mannerheim	AK	YK	NT	BC	AB	SK	–	–	PQ	–	–	–	LB	NF
A. triton Fall	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
A. vancouverensis Leech	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. velox Leech	AK	YK	NT	–	–	–	MB	–	–	–	–	–	–	–
A. verisimilis W.J. Brown	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
A. wasastjernae (C.R. Sahlberg)* *kenaiensis* Fall *palustris* Wallis	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	–	–	LB	NF
A. zaitzewi Poppius* *hudsonicus* Leech	AK	YK	NT	–	–	–	MB	–	–	–	–	–	–	–
A. zetterstedti C.G. Thomson* *browni* Leech	AK	YK	NT	–	–	–	MB	–	–	–	–	–	–	–

Genus CARRHYDRUS Fall

C. crassipes Fall	–	YK	NT	BC	AB	SK	MB	ON	–	–	–	–	–	–

Genus ILYBIUS Erichson
Key to North American species: Larson (1987)

I. angustior (Gyllenhal)*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF
I. biguttulus (Germar) *laramaeus* LeConte	–	–	–	–	–	–	MB	ON	PQ	NB	NS	–	–	NF
I. churchillensis Wallis	AK	–	NT	–	–	–	MB	–	–	–	–	–	–	–
I. confusus Aubé *denikei* Wallis	–	–	–	–	–	–	–	ON	–	–	NS	–	–	–
I. discedens Sharp	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	LB	NF
I. fraterculus (LeConte)	–	–	NT	BC	AB	SK	MB	–	–	–	–	–	–	NF
I. ignarus (LeConte)	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
I. incarinatus Zimmermann	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
I. oblitus Sharp	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
I. picipes (Kirby)*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	–	–	LB	NF
I. pleuriticus (LeConte) *inversus* Sharp	–	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF
I. quadrimaculatus Aubé	AK	–	–	BC	AB	–	–	–	–	–	–	–	–	–
I. subaeneus (Erichson)* *viridianeus* Crotch	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	–	–	LB	NF
I. vittiger (Gyllenhal)*	AK	YK	NT	BC	–	–	MB	–	–	–	–	–	–	–

Tribe Colymbetini

Genus COLYMBETES Clairville
Cymatopterus Dejean
Key to North American species: Zimmerman (1981)

C. dahuricus Aubé* *obscuratus* Mannerheim *seminiger* LeConte	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	–	–	–	–

C. densus LeConte	AK	YK	–	BC	AB	SK	MB	–	–	–	–	–	–	–
inaequalis Horn														
C. dolabratus (Paykull)*	AK	YK	NT	BC	–	–	MB	–	PQ	–	–	–	LB	NF
drewsoni LeConte														
groenlandicus Aubé														
marginalis (Fabricius)														
thomsoni Sharp														
triseriatus Kirby														
C. exaratus LeConte	–	YK	NT	BC	AB	SK	MB	–	–	–	–	–	–	–
incognitus Zimmerman														
rugipennis Sharp														
C. paykulli Erichson*	–	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
longulus LeConte														
C. sculptilis Harris	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF

Genus NEOSCUTOPTERUS Balfour-Browne
Pseudoscutopterus Hatch
Key to species: Larson (1975)

N. angustus (LeConte)	–	YK	–	BC	AB	SK	MB	ON	PQ	NB	NS	–	LB	NF
N. hornii (Crotch)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	–	–	LB	–
coriaceus Horn														

Genus RHANTUS Dejean
Key to North American species: Zimmerman and Smith (1975*b*)

(Subgenus NARTUS Zaitzev)
(*Rantogiton* des Gozis)

R. sinuatus (LeConte)	–	–	NT	BC	AB	SK	MB	ON	PQ	–	NS	–	–	–

(Subgenus RHANTUS s. str.)

R. binotatus (Harris)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF
aequalis Hatch														
assimilis (Kirby)														
divisus (Aubé)														
flavogriseus Crotch														
longipes Sharp														
obscurus Sharp														
plebeius Sharp														
R. consimilis Motschulsky	–	–	NT	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
discedens Sharp														
tostus (LeConte)														
R. frontalis (Marsham)*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
flavicollis Eschscholtz														
gyllenhali (Castelnau)														
notatus (Fabricius)														
punctatus (Hope)														
sericans Sharp														
suturalis (Boisduval & Lacordaire)														
R. gutticollis (Say)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
dominguensis Gemminger & Harold														
hoppingi Wallis														
hubbelli Hatch														
maculicollis (Aubé)														
mexicanus (Castelnau)														
R. suturellus (Harris)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	NS	–	LB	NF
subopacus (Mannerheim)														
zimmermanni Wallis														
R. wallisi Hatch	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	LB	NF
suturellus auct.														

Tribe Coptotomini

Genus COPTOTOMUS Say
Key to eastern North American species: Hilsenhoff (1980)

C. longulus LeConte	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	–
lenticus Hilsenhoff														
C. loticus Hilsenhoff	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Tribe Matini

Genus MATUS Aubé
Key to species: Young (1953)

M. bicarinatus (Say)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
M. ovatus ovatus Leech	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Subfamily DYTISCINAE
Tribe Dytiscini

Genus DYTISCUS Linné
Leionotus Kirby
Macrodytes C.G. Thomson
Key to species: Roughley (1990)

D. alaskanus Balfour-Browne	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	–	–	LB	NF
parvulus Motschulsky														
D. circumcinctus Ahrens*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
anxius Mannerheim														
ooligbukii Kirby														
D. cordieri Aubé	AK	–	NT	BC	AB	SK	MB	ON	PQ	NB	–	–	–	–
sublimbatus LeConte														
D. dauricus Gebler*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF
confluens Say														
franklinii Kirby														
frontalis Motschulsky														
ventralis Motschulsky														
vexatus Sharp														
D. fasciventris Say	–	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	LB	–
D. harrisii Kirby	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	LB	NF
D. hatchi Wallis	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
D. hybridus Aubé	–	–	–	–	AB	SK	MB	ON	PQ	NB	–	–	–	–
compar (Melsheimer)														
D. marginicollis LeConte	–	–	NT	BC	AB	SK	MB	–	–	–	–	–	–	–
albionicus Motschulsky														
fuscostriatus Motschulsky														
D. verticalis Say	–	–	–	–	–	–	MB	ON	PQ	NB	NS	PE	–	–

Tribe Hydaticini

Genus HYDATICUS Leach
Key to North American species: Roughley and Pengelly (1982)

(Subgenus HYDATICUS s. str.)

H. aruspex Clark*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF
americanus Sharp														
laevipennis C.G. Thomson														
modestus Sharp														
H. piceus LeConte	–	–	–	–	AB	SK	MB	ON	PQ	–	NS	–	–	–

Tribe Aciliini

Genus ACILIUS Leach
Key to North American species: Hilsenhoff (1975)

A. abbreviatus Mannerheim	AK	–	–	BC	AB	–	–	–	–	–	–	–	–	–
oregonensis Crotch														
A. athabascae Larson	–	–	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
A. mediatus (Say)	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
maccullochii (Kirby)														
A. semisulcatus Aubé	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF
A. sylvanus Hilsenhoff	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–

Genus GRAPHODERUS Dejean
Key to North American species: Wallis (1939)

G. fascicollis (Harris)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Gyrininae

G. liberus (Say)	–	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
brunnipennis Aubé														
rugicollis Kirby														
thoracicus Harris														
G. manitobensis Wallis	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
G. occidentalis Horn	–	YK	NT	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
G. perplexus Sharp	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF
elatus Sharp														

Genus THERMONECTUS Dejean

T. basilaris (Harris)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Tribe Cybistrini

Genus CYBISTER Curtis

C. fimbriolatus (Say)	–	–	–	–	–	–	MB	ON	–	–	NS	–	–	–
crotchi Wilke														
olivieri Crotch														

Family GYRINIDAE whirligig beetles

R.E. Roughley

Adult gyrinids form a group of beetles wonderfully adapted for life on the water surface; 36 species occur in Canada and Alaska in streams, rivers, ponds, and lakes. They can be found quite far from shore but are more common closer to the shore. The adults are readily distinguished by their highly modified, short and flat middle and hind legs and their horizontally separated eyes. Adults glide on the surface of water, cluster together, and when disturbed move rapidly in circles and scatter widely or dive. Such aggregations often include a number of species. Adults produce defensive secretions, which discourage predation by aquatic vertebrates, and feed on dead and dying insects trapped on the water surface. Larvae are aquatic and respire cutaneously with the aid of lateral abdominal filaments. Pupation occurs on emergent plants along the shoreline.

There is no recent taxonomic treatment of the North American species of gyrinids. Roberts (1895) prepared the latest revision of the species of Dineutus; few changes have been required since that publication. Fall's work (1922*a*) is the lastest revision of the North American species of *Gyrinus*; a taxonomic revision of Nearctic *Gyrinus* is in progress and should help ease the difficulty of identifying specimens in this genus. Morrisette (1979) provides good regional works on gyrinids for Quebec, Gordon and Post (1965) for North Dakota, Sanderson (1982) for North and South Carolina, and Ferkinhoff and Gundersen (1983) for Minnesota and environs. The general classification of gyrinids is now well understood (Folkerts 1979). Beutel and Roughley (1988) suggest that gyrinids are the most primitive family of the suborder Adephaga and that they represent a very early and independent use of aquatic habitats by beetles (see also Kavanaugh 1986).

AK (7); YK (10); NT (14); BC (18); AB (21); SK (23); MB (22); ON (27); PQ (30); NB (14); NS (10); PE (5); LB (8); NF (10) • H (4)

Subfamily GYRININAE

Key to North American genera: Folkerts (1979)

Tribe Enhydrini

Genus DINEUTUS MacLeay
Cyclinus Kirby

D. assimilis (Kirby)	–	–	–	BC	AB	SK	MB	ON	PQ	–	–	PE	–	–
americanus (Say)														
D. discolor Aubé	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
labratus (Melsheimer)														
D. horni Roberts	–	–	–	–	–	SK	MB	ON	–	–	–	–	–	–
D. nigrior Roberts	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–

Tribe Gyrinini

Genus GYRINUS O.F. Müller														
(Subgenus GYRINULUS Zaitsev)														
G. minutus Fabricius*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	LB	NF
(Subgenus GYRINUS s. str.)														
G. aeneolus LeConte	–	–	–	–	AB	SK	MB	ON	PQ	NB	–	–	–	–
G. aeratus Stephens*	AK	YK	NT	BC	AB	–	–	ON	PQ	–	–	–	–	–
instabilis Fall														
G. affinis Aubé	–	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	LB	NF
canadensis Régimbart														
G. analis Say	–	–	–	–	–	–	MB	ON	PQ	–	NS	–	–	–
G. aquiris LeConte	–	–	–	–	AB	–	MB	ON	PQ	NB	–	PE	–	NF
G. bifarius Fall	–	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	LB	NF
G. cavatus Atton	–	YK	NT	BC	AB	–	MB	–	–	–	NS	–	–	–
G. confinis LeConte	–	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	LB	NF
G. consobrinus LeConte	–	–	–	BC	AB	SK	–	–	–	–	–	–	–	–
G. dichrous LeConte	–	–	–	–	–	SK	MB	ON	PQ	–	–	–	–	–
G. dubius Wallis	–	–	–	–	–	SK	MB	–	PQ	–	–	–	LB	NF
G. fraternus Couper	–	–	–	–	–	SK	MB	ON	PQ	–	NS	PE	–	–
G. frosti Fall	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
G. gehringi Chamberlain	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	NF
G. hoppingi Leech	–	–	NT	BC	AB	SK	–	–	–	–	–	–	–	–
G. impressicollis Kirby	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
G. latilimbus Fall	–	YK	–	BC	AB	SK	–	ON	PQ	NB	NS	–	LB	NF
G. lecontei Fall	–	–	–	–	–	–	MB	ON	PQ	NB	–	PE	–	–
G. maculiventris LeConte	–	–	NT	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
G. marinus Gyllenhal*	AK	YK	–	–	–	–	–	–	–	–	–	–	–	–
G. marginellus Fall	–	–	–	–	–	–	–	–	PQ	NB	–	–	–	–
G. opacus C.R. Sahlberg*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	–	–	LB	NF
hoppingi Leech														
G. pectoralis LeConte	–	YK	NT	BC	AB	SK	MB	ON	PQ	NB	–	–	–	–
G. piceolus Blatchley	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
G. picipes Aubé	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
G. pleuralis Fall	AK	YK	NT	BC	AB	SK	–	ON	PQ	NB	–	–	–	–
G. plicifer LeConte	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
G. pugionis Fall	–	–	–	–	–	SK	MB	ON	PQ	NB	NS	–	–	–
G. punctellus Ochs	–	–	–	BC	AB	SK	–	–	–	–	–	–	–	–
G. sayi Aubé	–	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF
lugens LeConte														
G. ventralis Kirby	–	–	NT	–	AB	SK	–	ON	PQ	NB	–	–	–	–
G. wallisi Fall	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	–	–	–	–

Suborder Polyphaga
Superfamily Staphylinoidea
Family HYDRAENIDAE minute moss beetles

R.E. Roughley

Twenty-seven species of Hydraenidae are found in Canada and Alaska. The family includes minute aquatic beetles, most of which are under 2 mm long. Adults are found along the edges of aquatic habitats, particularly streams; some also live in semiaquatic habitats. Adults and larvae feed on periphyton.

The family is sometimes assigned to the superfamily Hydrophiloidea; however, several features, such as wing venation and the absence of the basal piece on the aedeagus, leave little doubt about its place in the superfamily Staphylinoidea. Perkins (1980) recently revised the Canadian and Alaskan species in his monograph of the Hydraenidae of the Western Hemisphere.

NT (4); BC (21); AB (10); SK (4); MB (5); ON (5); PQ (7); NB (3); NS (1); NF (1)

Subfamily HYDRAENINAE
Tribe Hydraenini

Genus HYDRAENA Kugelann														
H. angulicollis Notman	–	–	NT	–	AB	–	MB	ON	PQ	NB	–	–	–	NF
H. atlantica Perkins	–	–	–	–	–	–	–	–	PQ	NB	NS	–	–	–
H. circulata Perkins	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
H. nigra Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
H. occidentalis Perkins	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
H. pacifica Perkins	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
H. pennsylvanica Kiesenwetter	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
H. petila Perkins	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
H. vandykei d'Orchymont	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Genus LIMNEBIUS Leach														
Limnocharis Horn														
L. alutaceus (Casey)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
L. borealis Perkins	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Subfamily OCHTHEBIINAE

Genus GYMNOCHTHEBIUS d'Orchymont														
G. nitidus (LeConte)	–	–	NT	–	–	–	–	ON	PQ	–	–	–	–	–
Genus OCHTHEBIUS Leach														
(Subgenus OCHTHEBIUS s. str.)														
(*Enicocerus* Stephens)														
O. benefossus LeConte	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
O. bisinuatus Perkins	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
O. borealis Perkins	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
O. interruptus LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
aberti Hatch														
O. kaszabi Janssens	–	–	NT	BC	AB	SK	MB	ON	PQ	NB	–	–	–	–
O. lecontei Perkins	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
O. lineatus LeConte	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–
milleri Hatch														
O. marinus Paykull	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–
holmbergi Maklin														
O. rectus LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
(Subgenus ASIOBATES C.G. Thomson)														
(*Homalochthebius* Kuwert)														
(*Trymochthebius* Kuwert)														
O. brevipennis Perkins	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

O. cribricollis LeConte	–	–	–	BC	AB	SK	MB	–	PQ	–	–	–	–	–
O. discretus LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
O. hibernus Perkins	–	–	NT	–	–	–	–	–	–	–	–	–	–	–
O. mimicus W.J. Brown	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–

Genus NEOCHTHEBIUS d'Orchymont

N. vandykei (Knisch) *lapidicola* (Van Dyke)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Family PTILIIDAE feather-winged beetles

J.M. Campbell

Members of Ptiliidae, a family of very small beetles, have fringed wings with long filaments, which give them a feather-like appearance. The family comprises about 560 species around the world, of which 32 are known to occur in Canada and Alaska. Most feather-winged beetles are found in association with moist organic matter, such as leaf litter, decaying wood, and fungi.

Ptiliidae is probably the most poorly known family of beetles in North America. Undoubtedly, when the family is revised, many additional species will be found, particularly in eastern Canada. Hatch (1957) studied the western species. Bistrom and Silfverberg (1979) examined many of the generic type species and fixed the generic names. Dybas and Dybas (1990) recently published a key to the North American genera. Many Canadian records require confirmation, as the identification of most species has not been checked by specialists.

AK (5); BC (16); MB (1); ON (2); PQ (10); NB (5); NS (1) • H (1); I (11)

Subfamily PTILIINAE

Genus MOTSCHULSKIUM Matthews

M. sinuatocolle Matthews	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus PTENIDIUM Erichson

P. nitidum (Heer)†	–	–	–	–	–	–	–	–	–	NB	–	–	–	–
P. pullum Mäklin	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. pusillum (Gyllenhal)† *apicale* Erichson *terminale* Holdeman	–	–	–	BC	–	–	–	–	PQ	–	NS	–	–	–

Genus ACTIDIUM Matthews

A. crotchianum Matthews	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus PTILIOLA Haldeman

P. brevicollis (Matthews)†	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
P. collani Mannerheim *canadensis* LeConte	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Genus PTILIOLUM Flach

P. columbianum (Matthews)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. obscurum (Matthews)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. sharpi (Matthews)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. spencei (Allibert)†	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–

Genus PTILIUM Gyllenhal
Millidium Motschulsky

P. minutissimum (Ljungh)†	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–

Subfamily ACROTRICHIINAE

Genus NEPHANES C.G. Thomson														
N. titan (Newman)†	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
Genus PTILIOPYCNA Casey														
P. moerens (Matthews)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
quadrata (Casey)														
Genus ACROTRICHIS Motschulsky														
Macdonaldium Abdullah & Abdullah														
Trichopteryx Kirby & Spence														
A. castanea (Matthews)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. cognata (Matthews)‡	–	–	–	BC	–	–	–	–	–	NB	–	–	–	–
platonoffi Renkonen														
pruinosa Hatch														
A. diffinis (Matthews)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. fascicularis (Herbst)†	–	–	–	–	–	–	–	–	–	NB	–	–	–	–
A. fungi (Abdullah & Abdullah)	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
A. grandicollis (Mannerheim)†	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
A. henrici (Matthews)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
fratercula (Matthews)														
A. insularis (Mäklin)	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. intermedia (Gillmeister)	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
A. josephi (Matthews)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. laticollis Mäklin	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
A. parallelopipeda (Matthews)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. sericans (Heer)†	–	–	–	–	–	–	–	–	PQ	NB	–	–	–	–
A. sitkaensis (Motschulsky)*	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
A. thoracica (Waltl)†	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
anthracina (Matthews)														
A. vicina (Matthews)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. volans (Motschulsky)†	–	–	–	–	–	–	–	–	–	NB	–	–	–	–
fennica Renkonen														
A. xanthocera (Matthews)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Family LIMULODIDAE horse-shoe crab beetles

J.M. Campbell

Members of this small family are obligate guests of ants. The family comprises about 30 species distributed in North and South America and Australia, only one of which is found in Canada.

Recent workers have placed the limulodids in the family Ptiliidae (e.g. Lawrence 1982*a*), but I prefer to maintain the group as a separate family, on basis of papers by Seevers and Dybas (1943) and Dybas (1976). This family has not been previously reported in Canada, but one species of *Limulodes*, which I have tentatively identified as *L. paradoxus*, occurs in southern Ontario. Seevers and Dybas (1943) revised the classification of the family and included a key to all genera and most North American species.

ON (1)

Genus LIMULODES Matthews														
(Subgenus LIMULODES s. str.)														
L. paradoxus Matthews	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Family AGYRTIDAE agyrtid beetles

J.M. Campbell

Eleven species of agyrtids are known in America north of Mexico, of which eight are found in Canada and Alaska. Adults are scavengers of decaying organic material. Larval feeding habits are probably similar to those of the adults (Anderson and Peck 1985).

Until recent papers by Lawrence (1982*a*) and Lawrence and Newton (1982), species of this family had been included in the family Silphidae. However, these studies have shown that agyrtids are more closely related to species of the family Leiodidae than to Silphidae and therefore must be treated as a separate family. The North American species are well known taxonomically. The species of Canada and Alaska were treated by Anderson and Peck (1985).

AK (4); NT (1); BC (6); AB (3); ON (1)

Genus NECROPHILUS Latreille														
N. hydrophiloides Guérin-Méneville *ater* Motschulsky	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
N. pettiti Horn	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
Genus IPELATES Reitter *Pelates* Horn *Pelatines* Cockerell														
I. latus (Mannerheim)	AK	–	NT	BC	AB	–	–	–	–	–	–	–	–	–
Genus AGYRTES Frölich														
(Subgenus AGYRTECANUS Reitter)														
A. longulus (LeConte) *politus* (Casey)	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
Genus LYROSOMA Mannerheim														
L. opacum Mannerheim	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
Genus PTEROLOMA Gyllenhal														
P. nebrioides W.J. Brown	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
Genus APTEROLOMA Hatch														
A. caraboides (Fall)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. tenuicorne (LeConte)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–

Family LEIODIDAE small scavenger beetles

S.B. Peck

In Canada and Alaska 128 species of Leiodidae are known. Those grouped here have been placed under many family names, but all share the derived (but difficult to see) character of a nearly enclosed gutter that circles the antennal articulation on the dorsal face of segments 7, 9, and 10 or 8-10 in 11-segmented antennae and segments 7-9 in 10-segmented antennae, with internal sensory vesicles in some segments. The higher classification here lists five subfamilies and follows recent advances reported by Lawrence (1982*a*), Lawrence and Newton (1982), and Newton (1984).

Members of Leiodidae are, for the most part, scavengers, both as larvae and adults, feeding on various decaying organic materials in usually moist forest or field habitats. The two biggest subfamilies are Leiodinae and Cholevinae. Members of the Leiodinae subfamily (= Anisotomidae, Agathidiidae), or round fungus beetles, are often globose and compact in body shape, and many species can contract into a ball-like form. Some species are specialized for digging in soil, where they feed on subterranean fungi; others are specialized predators of slime molds; and still others feed on soft fungi or are more generally saprophagous (Wheeler 1984). The feeding habits of both adult and larval Coloninae (= Colonidae) are not known. Members of the Cholevinae subfamily (= Catopidae, Leptodiridae), or small carrion beetles, are more elliptical in body shape and feed on carrion or dung. Some species are specialized occupants of ant nests, caves (but not in Canada), or the nests and burrows of vertebrates. Members of the Leptininae family (= Leptinidae), or mammal nest beetles and beaver beetles, are nest scavengers and ectoparasites on small mammal hosts or on beavers.

Collecting Leiodidae usually requires a concentration on the particular habits or habitats of the genera or species sought. They can be collected in the following ways: in baited pitfall traps; by sifting and Berlese extraction of litter or fungi; by sweeping forest vegetation on still, warm, and humid evenings; and by use of large-area flight intercept traps.

The leiodid fauna of Canada and Alaska is only partly known. Several genera have been reviewed and revised recently, and others are being prepared. No single publication treats the entire fauna, but a generic review of the North American fauna is available (Peck 1990). The largest faunal works (Hatch 1933, 1957; Jeannel 1936) are no longer completely reliable. Distributions and bionomics of the species are usually incompletely known, and many species in the northern United States may eventually be found in southern Canada.

AK (36); YK (18); NT (16); BC (84); AB (39); SK (18); MB (26); ON (57); PQ (53); NB (19); NS (15); LB (7); NF (10) • H (6); I (1)

Subfamily LEIODINAE

Tribe Hydnobiini

Genus HYDNOBIUS Schmidt

H. contortus Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
H. crestonensis Hatch	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
H. femoratus Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
H. longulus LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
longidens LeConte														
H. luggeri Hatch	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
H. matthewsii Crotch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
H. obtusus LeConte	–	–	–	–	–	SK	–	–	–	–	–	–	–	–
H. pumilus LeConte	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
kiseri Hatch														
latidens LeConte														
H. simulator W.J. Brown	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
H. stacesmithi Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
H. strigilatus Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
H. substriatus LeConte	–	–	–	–	AB	–	–	–	PQ	–	NS	–	–	–
curvidens LeConte														
H. validus W.J. Brown	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–

Genus TRIARTHRON Markel

T. lecontei Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
cedonulli Schaufuss														

Tribe Leiodini

Genus ANOGDUS LeConte
Neocyrtusa W.J. Brown
Key to species: Daffner (1988)

A. fusciclavus (Fall)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
sternitus (Hatch)														
A. insolitus (W.J. Brown)	–	–	–	BC	–	SK	–	–	–	–	–	–	–	–
A. obsoletus (Melsheimer)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
blandissima (Zimmermann)														
A. potens (W.J. Brown)	–	–	–	BC	–	–	–	ON	PQ	–	–	–	–	–
A. puritanus (Fall)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
A. secretus (W.J. Brown)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
A. superans (Fall)	–	–	–	–	AB	–	MB	ON	–	–	–	–	–	–

Genus LIONOTHUS W.J. Brown
Key to North American species: Daffner (1988)

L. forticornis Daffner	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
L. ulkei W.J. Brown	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Genus CYRTUSA Erichson														
Caenocyrta W.J. Brown														
Key to North American species: Daffner (1988)														
C. subtestacea (Gyllenhal)*	–	–	–	BC	–	–	–	ON	PQ	–	–	–	–	–
picipennis (LeConte)														
Genus LIOCYRTUSA Daffner														
Key to North American species: Daffner (1988)														
L. luggeri (Hatch)	–	–	–	BC	AB	SK	MB	ON	PQ	NB	–	–	–	–
L. nigriclavis (Hlisnikovsky)*	–	–	–	BC	–	–	–	ON	PQ	–	–	–	–	–
Genus ECARINOSPHAERULA Hatch														
E. ecarinata (Horn)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Genus ISOPLASTUS Horn														
I. fossor Horn	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
uncus Wheeler														
Genus LEIODES Latreille														
L. assimilis (LeConte)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	LB	NF
L. bradorata W.J. Brown	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
L. canadensis (W.J. Brown)	–	–	–	–	–	SK	MB	–	–	–	–	–	–	–
L. collaris (LeConte)	AK	YK	–	BC	AB	–	MB	ON	PQ	NB	–	–	LB	NF
L. conferta (LeConte)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
L. curvata (Mannerheim)	AK	–	–	BC	AB	–	–	–	–	–	–	–	–	–
morula LeConte														
L. difficilis (Horn)	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
L. dilatata Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
L. grossa Hatch	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
L. impersonata W.J. Brown	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
L. lateritia (Mannerheim)	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
L. lostine (Hatch)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
L. merkeliana (Horn)	–	–	NT	BC	–	–	–	–	–	–	–	–	–	–
L. mirabilis (Hatch)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
L. paludicola (Crotch)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
L. puncticollis (C.G. Thomson)	AK	YK	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
L. punctostriata Kirby	AK	YK	NT	BC	AB	–	MB	ON	PQ	NB	NS	–	LB	NF
indistincta (LeConte)														
laeta (Mannerheim)														
punctatostriata Horn														
punctistriata LeConte														
L. punctulata (Gyllenhal)	AK	YK	NT	BC	AB	–	MB	ON	PQ	–	–	–	–	–
L. rhaetica (Erichson)	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
L. rufipes (Gebler)	AK	YK	NT	BC	AB	SK	MB	ON	–	–	–	–	–	–
L. serripes Hatch	–	–	–	BC	AB	SK	–	–	–	–	–	–	–	–
L. strigata (LeConte)	AK	–	–	BC	AB	SK	–	ON	PQ	NB	–	–	–	–
L. tenuis Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
L. triepkei (Schmidt)	–	YK	NT	–	AB	–	MB	ON	PQ	NB	–	–	–	–
L. valida (Horn)	–	–	NT	BC	AB	–	MB	ON	PQ	NB	–	–	–	–
Genus ZEADOLOPUS Broun														
Apheloplastus W.J. Brown														
Key to North American species: Daffer (1988)														
Z. egenus (LeConte)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
impubis (Zimmermann)														

Tribe Scotocryptini

Genus AGLYPTINUS Cockerell														
A. laevis (LeConte)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Tribe Pseudoliodini

Genus COLENIS Erichson														
C. impunctata LeConte	–	–	–	BC	–	–	MB	ON	PQ	NB	NS	–	–	–

Tribe Agathidini

Genus ANISOTOMA Panzer
Key to North American species: Wheeler (1979)

A. amica W.J. Brown	–	–	–	BC	–	–	–	ON	PQ	–	–	–	–	–
A. basalis (LeConte)	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
dichroa (LeConte)														
A. blanchardi (Horn)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
A. confusa (Horn)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
interstrialis Hatch														
A. discolor (Melsheimer)	–	–	–	BC	–	–	–	ON	PQ	–	–	–	–	–
picea (Melsheimer)														
A. errans W.J. Brown	AK	–	–	BC	AB	SK	–	ON	PQ	–	NS	–	–	–
A. expolita W.J. Brown	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
polita (LeConte)														
A. geminata (Horn)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
A. globososa Hatch	–	–	–	BC	AB	–	MB	ON	PQ	–	–	–	–	–
globosa (LeConte)														
A. horni Wheeler	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
A. humeralis (Fabricius)†	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. inops W.J. Brown	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
A. nevadensis W.J. Brown	–	–	–	BC	–	–	MB	–	–	–	–	–	–	–
bicolor (Horn)														

Genus AGATHIDIUM Panzer
Key to North American species: Fall (1933)

A. alutaceum Fall	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
A. athabascanum Fall	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
A. angulare Mannerheim	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. californicum Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. cavisternum Fall	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. columbianum Fall	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. concinnum Mannerheim	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. conjunctum W.J. Brown	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. contiguum Fall	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. depressum Fall	AK	–	–	BC	AB	–	–	–	PQ	–	–	–	–	–
A. difformis (LeConte)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
canadense W.J. Brown														
A. effluens Mannerheim	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
A. jasperanum Fall	–	YK	–	–	AB	–	–	–	–	–	–	–	–	–
A. maculosum W.J. Brown	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. obtusum Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. pulchrum LeConte	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
mandibulatum Mannerheim														
A. rotundulum Mannerheim	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
kincaidi Hatch														

Subfamily CATOPOCERINAE

Genus CATOPOCERUS Motschulsky
Homoeosoma Austin
Pinodytes Horn
Typhloleiodes Hatch

C. cryptophagoides (Mannerheim)	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
politus Motschulsky														

Subfamily COLONINAE

Genus COLON Herbst

(Subgenus CURVIMANON Fleischer)

C. bidentatum (C.R. Sahlberg)*	–	–	–	BC	AB	–	–	ON	PQ	NB	–	–	–	NF
C. mannerheimi Szymczakowski	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

(Subgenus COLON s. str.)

C. femorale Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. serripoides Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. tibiale Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

(Subgenus MYLOECHUS Latreille)

C. aedeagosum Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. celatum Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. clavatum Mannerheim	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. complicatum Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. dentatum LeConte	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
C. discretum Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. elongatum Notman	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
C. inerme Mannerheim	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. kincaidi Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. magnicolle Mannerheim	AK	–	NT	BC	AB	–	MB	ON	PQ	NB	–	–	LB	NF
C. nevadense Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. pribilof Hatch	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
C. pusillum Horn	–	YK	–	–	–	–	–	–	PQ	–	–	–	–	–

Subfamily CHOLEVINAE
Tribe Ptomaphagini

Genus PTOMAPHAGUS Illiger
Key to North American species: Peck (1973)

P. brevior Jeannel	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
P. nevadicus Horn	–	–	–	BC	AB	–	MB	–	–	–	–	–	–	–
densus Hatch														
piperi Hatch														
thomomysi Hatch														

Tribe Nemadini

Genus NEMADUS C.G. Thomson

N. brachyderus (LeConte)	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
N. decipiens (Horn)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
N. gracilicornis Fall	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
N. parasitus (LeConte)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
N. pusio (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Tribe Cholevini

Genus CATOPS Paykull

C. alpinus sitkanus Jeannel	AK	YK	NT	BC	–	–	–	–	–	–	–	–	–	–
C. alsiosus (Horn)*	AK	YK	NT	BC	AB	–	MB	ON	PQ	NB	NS	–	LB	–
C. americanus Hatch	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	–
clavicornis LeConte														
C. basilaris Say	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	LB	NF
cadaverinus Mannerheim														
spencianus (Kirby)														
C. egenus (Horn)	AK	YK	NT	BC	AB	SK	–	ON	–	–	–	–	–	–
C. gratiosus (Blanchard)	–	–	–	BC	AB	–	–	ON	PQ	–	NS	–	–	–
C. luridipennis Mannerheim*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
brunnipennis Mannerheim														
C. mathersi Hatch	–	YK	–	BC	AB	–	–	–	–	–	–	–	–	–
C. simplex Say	AK	–	–	BC	AB	SK	–	ON	PQ	NB	NS	–	LB	NF

Genus SCIODREPOIDES Hatch
Sciodrepa C.G. Thomson

S. fumatus terminans (LeConte)	AK	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	–
S. watsoni hornianus (Blanchard)	–	–	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	NF

Genus CATOPTRICHUS Murray

C. frankenhaeuseri (Mannerheim)	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus PRIONOCHAETA Horn

P. opaca (Say)	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–

Subfamily LEPTININAE

Genus LEPTINILLUS Horn

L. validus (Horn)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	–	–	–	NF

Genus PLATYPSYLLUS Ritsema
Platypsyllus Westwood

P. castoris Ritsema* *castorinus* Westwood	AK	–	–	BC	AB	–	MB	ON	PQ	–	–	–	–	NF

Genus LEPTINUS P.W.J. Muller
Key to North American species: Peck (1982)

L. occidentamericanus Peck	AK	YK	–	BC	–	–	–	–	–	–	–	–	–	–

Family SCYDMAENIDAE antlike stone beetles

A. Davies

Forty-eight species of Scydmaenidae have been recorded in Canada and Alaska. Improvements in the current taxonomic status and in the methods and frequency of collection of the species should greatly increase this number. Scydmaenidae tend to be common locally, possibly following distributions of the mites on which both the adults and larvae feed. They are found chiefly in wet mosses, deep forest litter, decaying logs and tree stumps, tree holes, sawdust piles, and compost; some species are associated with ants and caves.

LeConte (1852) and Casey (1897) described most of the North American species of Scydmaenidae, but these works included many synonyms, and the higher classification was confused. Marsh (1957) made major improvements for the western North America fauna, and recently Franz (1985) viewed Casey's North American genera in a worldwide perspective. The last publication, together with recent work by Suter and Newton (personal communication), forms the basis of the present arrangement.

AK (5); BC (12); AB (1); SK (1); MB (3); ON (29); PQ (14); NB (8); NS (6); LB (1)

Subfamily SCYDMAENINAE
Tribe Lophioderini

Genus LOPHIODERUS Casey

L. biformis (Mäklin)	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
L. insignis Marsh	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
L. myops Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
L. similis Marsh	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Tribe Euconnini

Genus DRASTOPHUS Casey

D. laevicollis Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus EUCONNUS C.G. Thomson

(Subgenus EUCONNUS s. str.)

E. clavipes (Say) *pilosicollis* (LeConte)	–	–	–	–	–	–	MB	ON	PQ	–	NS	–	–	–
E. lecontei (Schaufuss)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
E. semiruber Casey	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
E. ventralis Casey	–	–	–	–	–	–	–	–	–	–	NS	–	–	–

(Subgenus CONNOPHRON Casey)

E. ater (Casey)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
E. brevicornis (Say)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
E. comptus (Casey)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
E. debilitans (Casey)	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
E. elongatus (Casey)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
E. flavitarsis (LeConte)	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
E. gaudens (Casey)	–	–	–	–	–	–	–	ON	–	NB	–	–	–	–

E. illustris (Casey)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
E. novellus (Casey)	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
E. optatus (Casey)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
E. oreophilus (Casey)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
E. pertinax (Casey)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
E. pumilus (Casey)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
E. tenebrosus (Casey)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
E. testaceipes (Casey)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
E. trifidus (Casey)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
(Subgenus SCOPOPHUS Casey)														
E. affinis Casey	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
(Subgenus PSOMOPHUS Casey) (*Xestophus* Casey)														
E. debilis Casey	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
E. fatuus (LeConte)	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
E. salinator (LeConte)	–	–	–	–	–	–	MB	ON	–	NB	–	–	–	–
(Subgenus PYCNOPHUS Casey) (*Nudatoconnus* Franz)														
E. rasus (LeConte)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
§														
E. longiceps Fall	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–

Tribe Stenichnini

Genus MICROSCYDMUS Saulcy & Croissandeau *Opresus* Casey														
M. misellus (LeConte)	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
Genus STENICHNUS C.G. Thomson														
(Subgenus CYRTOSCYDMUS Motschulsky)														
S. badius (Casey)	–	–	–	–	–	–		ON	–	–	NS	–	–	–
S. ovipennis (Casey)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
S. perforatus (Schaum)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
S. turbatus (Casey)	–	–	–	–	–	–	–	–	PQ	NB	NS	–	–	–
(Subgenus BRACHYCEPSIS Brendel)														
S. adjutor Fall	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
S. pacificus (Casey)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
S. rothi (Marsh)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
S. subpunctatus (LeConte)	–	–	–	–	–	–	–	ON	PQ	–	NS	–	LB	–
(Subgenus PARASCYDMUS Casey)														
S. corpusculus (Casey)	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
(Subgenus TAPHROSCYDMUS Casey)														
S. californicus Motschulsky	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–

Tribe Eutheiini

Genus EUTHEIA Stephens														
E. morae Marsh	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
E. scitula Mäklin	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
Genus VERAPHIS Casey														
V. lacuna Marsh	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Tribe Leptoscydmini

Genus LEPTOSCYDMUS Casey														
L. caseyi (Brendel)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Tribe Scydmaenini

Genus SCYDMAENUS Latreille
Acholerops Casey

S. retrusus (Casey)	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
S. zimmermanni Schaum	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
punctatus Casey														

Family MICROPEPLIDAE micropeplid beetles

J.M. Campbell

Micropeplidae is a small family of beetles with 10 species known in Canada and Alaska. They are found in a variety of habitats, including deciduous and coniferous leaf litter, inside beaver lodges, in *Carex* clumps growing in shallow water, on freshly cut stumps of fir and cedar and possibly associated with the fungus *Pyrobema*, which is found in forests after a fire. Matthews (1970) described two species, *M. hoogendorni* and *M. hopkinsi*, from Pliocene deposits in western Alaska. Little is known about the feeding habits of the species; however, both larvae and adults are assumed to feed on fungal spores.

The family is well known in North America. Campbell (1968) revised the New World species and published a catalog of the North American species (1984*c*).

AK (4); YK (1); NT (1); BC (8); AB (4); SK (2); MB (1); ON (5); PQ (4) • H(1)

Tribe Micropeplini

Genus KALISSUS LeConte

K. nitidus LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus MICROPEPLUS Latreille
Arrhenopeplus Koch
Key to North American species: Campbell (1973*b*)

M. browni Campbell	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
M. brunneus Mäklin	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
M. cribratus LeConte	–	–	–	–	AB	–	–	ON	–	–	–	–	–	–
M. laticollis Mäklin	AK	YK	–	BC	AB	SK	–	ON	PQ	–	–	–	–	–
M. punctatus LeConte	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
costatus Mäklin														
oregonensis Hatch														
M. robustus Campbell	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
M. sculptus LeConte	–	–	–	BC	AB	SK	–	ON	PQ	–	–	–	–	–
obliquus LeConte														
M. smetanai Campbell	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
M. tesserula Curtis*	AK	–	NT	BC	AB	–	MB	ON	PQ	–	–	–	–	–
costatus LeConte														
costipennis Mäklin														

Family SILPHIDAE carrion beetles

J.M. Campbell

The carrion beetles belong to a family of about 175 species found primarily in the Northern Hemisphere, with a few species having ranges extending into South America, southeast Asia, and Australia. Twenty-five species are known to occur in Canada and Alaska. Carrion beetles are common, and because of their large size and often bright colors they are frequently collected. Both adults and larvae of most species feed on carcasses of vertebrates; other species are scavengers, and some species of *Aclypea* are phytophagous and may be considered to be pests of cultivated crops such as spinach.

The family name Silphidae is used in the restricted sense of Lawrence (1982*a*), Lawrence and Newton (1982), and Anderson and Peck (1985). These authors exclude the agyrtids, treating them as a separate family, Agyrtidae. The Canadian and Alaskan species are well known taxonomically, based on a handbook of the species by Anderson and Peck (1985).

AK (8); YK (6); NT (9); BC (13); AB (17); SK (18); MB (18); ON (18); PQ (15); NB (10); NS (11); PE (7); LB (1); NF (6) • H (4)

Subfamily SILPHINAE

Genus NECRODES Leach
Protonecrodes Portevin

N. surinamensis (Fabricius)	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	NF

Genus THANATOPHILUS Leach
Philas Portevin

T. coloradensis (Wickham)	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
obalskii (Portevin)														
T. lapponicus (Herbst)*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	LB	NF
californicus (Mannerheim)														
caudatus (Say)														
tuberculatus (Germar)														
T. sagax (Mannerheim)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
T. trituberculatus (Kirby)	AK	–	NT	–	AB	SK	MB	ON	–	–	–	–	–	–

Genus OICEOPTOMA Leach

O. inaequale (Fabricius)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
O. noveboracense (Forster)	–	–	–	–	AB	SK	MB	ON	PQ	NB	NS	PE	–	–
marginale (Fabricius)														
marginata Kirby														

Genus NECROPHILA Kirby & Spence

N. americana (Linné)	–	–	–	–	–	–	MB	ON	PQ	NB	NS	–	–	–
affinis (Kirby)														
canadensis (Kirby)														
peltata (Catesby)														
terminata (Kirby)														

Genus HETEROSILPHA Portevin

H. ramosa (Say)	–	–	NT	BC	AB	SK	MB	ON	–	–	–	–	–	–
cervaria (Mannerheim)														

Genus ACLYPEA Reitter
Blitophaga Reitter

A. bituberosa (LeConte)	–	–	NT	BC	AB	SK	MB	–	–	–	–	–	–	–
A. opaca (Linné)*	AK	YK	NT	–	–	–	–	–	–	–	–	–	–	–

Subfamily NICROPHORINAE

Genus NICROPHORUS Fabricius
Neonicrophorus Hatch

N. americanus Olivier	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
grandis Fabricius														
virginicus Frölich														
N. carolinus (Linné)	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
mediatus Fabricius														
mysticallis Angell														
N. defodiens Mannerheim	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	NF
binotatus Portevin														
conversator Walker														
kadjakensis Portevin														
lateralis Portevin														
mannerheimi Portevin														
plagiatus Motschulsky														
pollinctor LeConte														
N. guttula Motschulsky	–	–	–	BC	AB	SK	–	–	–	–	–	–	–	–
hecate Bland														
immaculosis Hatch														
punctostriatus Pierce														
N. hybridus Hatch & Angell	–	–	–	BC	AB	SK	MB	ON	–	–	–	–	–	–
N. investigator Zetterstedt*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	NS	PE	–	NF
aleuticus Gistel														
confossor LeConte														

infodiens Mannerheim														
maritimus Guérin-Méneville														
melsheimeri Kirby														
particeps Fischer von Waldheim														
pollinctor Mannerheim														
N. marginatus Fabricius	–	–	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
cordiger Portevin														
labreae Pierce														
latifrons Pierce														
mckittricki Pierce														
montezumae Matthews														
obtusiscutellum Pierce														
requiescator Gistel														
N. nigrita Mannerheim	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
alpha Pierce														
ruficornis Motschulsky														
N. obscurus Kirby	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
melsheimeri LeConte														
N. orbicollis Say	–	–	–	–	–	SK	MB	ON	PQ	NB	NS	PE	–	–
hallii Kirby														
quadrisignatus Castelnau														
N. pustulatus Herschel	–	–	–	–	AB	SK	MB	ON	PQ	NB	NS	–	–	–
bicolon Newman														
fasciatus Portevin														
tardus Mannerheim														
unicolor Portevin														
N. sayi Castelnau	–	–	–	–	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
lunatus LeConte														
luniger Harold														
lunulatus Gistel														
N. tomentosus Weber	–	–	–	–	–	SK	MB	ON	PQ	NB	NS	PE	–	–
angustifasciatus Portevin														
aurigaster Portevin														
velutinus Fabricius														
N. vespilloides Herbst*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	NF
hebes Kirby														
pygmaeus Kirby														

Family STAPHYLINIDAE rove beetles

J.M. Campbell and A. Davies

The rove beetles form one of the largest families of insects in the world, with over 32 000 described species. In Canada, 1129 species have been reported, but hundreds more remain to be either described or recorded. Most rove beetles are predators of other insects and live on or in the soil, in ground litter, moss, or in decomposing organic matter. Some rove beetles prey on aphids, bark beetles, or other insects on trees and herbaceous plants, whereas others are specialized feeders on pollen or are mycetophagous. Rove beetles prefer moist habitats along the margins of streams, lakes, and snowfields, and in decomposing vegetation, manure, and carcasses. They are common in all biomes, ranging from tropical forests to tundra well above arctic and alpine timberlines. Some species are associated with mammal burrows, ant and termite nests, intertidal and coastal habitats, and saline flats; they can also be found in a variety of habitats around human dwellings.

Several authors are currently investigating the higher classification of the family. The system followed in this checklist has been extensively modified from the conventional system used in earlier papers. The system is based primarily on a paper by Lawrence and Newton (1982), but will undoubtedly be modified further as more phylogenetic studies are completed. Adults of most genera of rove beetles (except the genera of Aleocharinae) can be identified with the use of keys by Arnett (1968) and Moore and Legner (1974 and 1979) or with keys based on the European fauna such as those of Lohse (1964) and Lohse et al. (1974). Most larvae have not yet been described. Newton (1990) provides keys to the North American genera of larvae and adults that inhabit soil litter. Other Nearctic genera can be identified using the keys by Kasule (1966), based on the rove beetle larvae of Britain.

Taxonomically, the North American fauna of many tribes and subfamilies is now well known: Quediini and Xantholininae (Smetana 1971, 1982); most Tachyporinae (various generic revisions by Campbell between 1973 and 1988); Oxyporinae (Campbell 1969); and Pseudopsinae (Herman 1975, Newton 1982). The large subfamilies Steninae and Staphylininae are becoming well known among the Canadian fauna, although comprehensive revisions of most genera are not yet available. However, except for a few genera, Aleocharinae, the largest subfamily of Canadian rove beetles, still remains almost totally unknown. Although Seevers (1978) provides a key and a redescription of the genera and tribes of the subfamily, identification even to genus remains difficult or impossible without access to type specimens. In recent years a few genera of North American Aleocharinae have been revised, and their species can now be identified. These include the genera *Aleochara*, *Myllaena*, *Gymnusa*, and *Deinopsis* by Klimaszewski (1979, 1982, 1984) and the genus *Falagriini* by Hoebeke (1985). Ashe (1984, 1986) revised adults and larvae of the genera of the aleocharine subtribe Gyrophaenina. Other subfamilies with most species poorly known in Canada include Paederinae and Oxytelinae, except for the genus *Bledius*, which was revised by Herman (1972*a*-1986).

Moore and Legner (1975*a*) published a catalog of the North American Staphylinidae.

AK (308); YK (172); NT (155); BC (581); AB (265); SK (126); MB (278); ON (441); PQ (460); NB (167); NS (195); PE (19); LB (63); NF (171) • H (88); I (99)

Subfamily EMPELINAE

Genus EMPELUS LeConte

E. brunnipennis (Mannerheim)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Subfamily PROTEININAE
Tribe Proteinini

Genus MEGARTHRUS Curtis

M. americanus Sachse	–	–	–	–	–	–	MB	ON	PQ	NB	NS	PE	–	–
M. arcuatus Hatch	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
M. atratus Mäklin	AK	–	–	BC	AB	–	–	–	–	–	–	–	–	–
M. excisus LeConte	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
M. pictus Motschulsky	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
M. sinuaticollis Boisduval & Lacordaire*	AK	YK	NT	BC	AB	–	–	–	–	–	–	–	–	–
angulicollis Mäklin														

Genus PROTEINUS Latreille

P. atomarius Erichson†	–	–	–	BC	–	–	–	ON	–	–	–	–	–	–
parvulus LeConte														
P. basalis Mäklin	AK	–	–	BC	AB	–	–	–	–	–	–	–	–	–
P. brachypterus (Fabricius)*	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. limbatus Mäklin*	AK	–	–	BC	–	–	–	ON	–	–	–	–	–	–
maeklini Fauvel														

Subfamily OMALIINAE
Tribe Eusphalerini

Genus EUSPHALERUM Kraatz
Anthobium auct.

(Subgenus EUSPHALERUM s. str.)

E. convexum (Fauvel)	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	NF
E. fenyesi (Bernhauer)	–	–	–	BC	AB	–	MB	ON	PQ	NB	NS	–	–	NF
E. pothos (Mannerheim)	AK	–	–	BC	AB	–	–	ON	PQ	NB	NS	–	–	NF
dimidiatum (Melsheimer)														
E. rugulosum (Mäklin)	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
E. segmentarium (Mäklin)	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
E. torquatum (Marsham)†	–	–	–	–	–	–	–	–	–	–	–	–	–	NF

(Subgenus ONIBATHUM Tottenham)

E. californicum (Fauvel)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
E. farrarae Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
E. grayae Hatch	AK	–	–	BC	AB	–	–	–	–	–	–	–	–	–
E. swauki Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Tribe Omaliini

Genus ACRULIA C.G. Thomson

A. crenulata (Hatch)	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. tumidula (Mäklin)	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus PYCNOGLYPTA C.G. Thomson
Key to North American species: Campbell (1983*b*)

P. aptera Campbell	–	–	–	–	–	–	MB	–	PQ	NB	NS	–	LB	NF
P. lurida (Gyllenhal)*	AK	YK	NT	–	–	SK	MB	ON	PQ	NB	NS	–	–	–

Genus ELONIUM Leach
Acrolocha C.G. Thomson

E. diffusum (Fauvel)	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	NF
E. exsculptum (Mäklin)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
E. fractum (Fauvel)	–	–	–	–	–	–	MB	ON	–	–	–	–	–	–
E. helferi (Steel)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
E. leechi (Hatch)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
E. minutum (Olivier)† *striatum* (Gravenhorst)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
E. rugosum (Hatch)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus HAPALARAEA C.G. Thomson
Phyllodrepa C.G. Thomson

H. angustior (Hatch)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
H. caseyi (Bernhauer & Schubert) *pacifica* (Casey)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
H. floralis (Paykull)†	–	–	–	BC	AB	–	MB	ON	PQ	–	NS	–	–	NF
H. hamata (Fauvel)	–	–	–	BC	–	–	MB	ON	PQ	–	NS	–	–	–
H. humerosa (Fauvel)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
H. humilis (Mäklin)	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
H. longula (Mäklin)	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
H. megarthroides (Fauvel)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
H. strigipennis (Mäklin)	AK	–	–	–	–	–	–	–	–	–	–	–	–	–

Genus OMALIUM Gravenhorst
Ochthexenus Motschulsky

O. algarum Casey *fucicola* Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
O. callosum Mäklin	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
O. excavatum Stephens†	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
O. flavidum Hamilton	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
O. foraminosum Mäklin*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
O. oxyacanthae Gravenhorst†	–	–	–	–	?	–	–	–	–	–	–	–	–	–
O. plagiatum Mannerheim	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
O. repandum Erichson	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
O. rivulare (Paykull)†	AK	–	–	BC	–	–	–	ON	PQ	–	NS	–	–	NF

Genus PHLOEONOMUS Heer

(Subgenus PHLOEOSTIBA C.G. Thomson)

P. lapponicus (Zetterstedt)* *argus* LeConte	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	LB	NF

(Subgenus PHLOEONOMUS s. str.)
(*Distemmus* LeConte)

P. flavipennis (Mäklin)	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
P. pusillus (Gravenhorst)* *laesicollis* (Mäklin)	AK	–	–	BC	AB	–	–	ON	PQ	–	NS	–	–	NF
P. suffusus (Casey)	AK	–	–	–	–	–	–	–	–	–	–	–	–	–

Genus MICRALYMMA Westwood
Key to species: Böcher (1988)

M. brevilingue Schiødte* *dicksoni* Mäklin	AK	YK	NT	–	–	–	–	–	–	–	–	–	–	–
M. marinum (Ström)* *stimpsoni* LeConte	–	–	–	–	–	–	–	–	PQ	NB	–	–	–	NF

Tribe Coryphiini

Key to North American species: Campbell (1978*c*)

Genus CORYPHIUM Stephens
Occlephelinus Hatch

C. arizonense (Bernhauer)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. brunneum (Hatch)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. hyperboreum (Mäklin)*	AK	YK	–	–	–	–	–	–	–	–	–	–	–	–
C. nigrum Campbell	–	–	–	–	–	–	–	–	PQ	–	NS	–	–	–

Genus SUBHAIDA Hatch

S. ingrata (Hatch)	AK	–	–	BC	AB	–	–	–	–	–	–	–	–	–
S. monticola Campbell	–	–	–	–	AB	–	–	–	–	–	–	–	–	–

Genus HOLOBOREAPHILUS Campbell

H. nordenskioeldi (Mäklin)* *nearcticus* (Blair)	AK	YK	NT	–	–	–	MB	–	PQ	–	–	–	–	–

Genus BOREAPHILUS C.R. Sahlberg

B. henningianus C.R. Sahlberg* *americanus* Notman	AK	YK	–	–	AB	SK	MB	ON	PQ	NB	–	–	–	–

Tribe Anthophagini

Genus BRATHINUS LeConte
Key to species: Frank et al. (1987)

B. nitidus LeConte	–	–	–	–	–	–	–	–	PQ	NB	NS	–	–	NF
B. varicornis LeConte	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–

Genus ACIDOTA Stephens
Key to North American species: Campbell (1982*a*)

A. crenata (Fabricius)* *seriata* LeConte	AK	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF
A. quadrata (Zetterstedt)* *frankenhaeuseri* Mäklin *patruelis* Leconte	AK	YK	NT	BC	AB	–	MB	ON	PQ	–	–	–	LB	–
A. subcarinata Erichson	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	NF

Genus OLOPHRUM Erichson
Lathrium LeConte
Key to North American species: Campbell (1983*a*)

O. boreale (Paykull)* *helleni* Scheerpeltz *nigropiceum* Motschulsky *quesneli* Hatch	AK	YK	NT	BC	AB	–	MB	–	PQ	–	–	–	–	–
O. consimile (Gyllenhal)* *limbatum* Mäklin *marginatum* (Kirby) *parvulum* Mäklin	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
O. latum Mäklin*	AK	YK	NT	–	–	–	–	–	–	–	–	–	–	–
O. obtectum Erichson *emarginatum* Erichson *rotundicolle* (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
O. rotundicolle (C.R. Sahlberg)* *convexicolle* LeConte *convexum* Mäklin	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	NS	–	–	NF

Genus ARPEDIUM Erichson
Key to North American species: Campbell (1984*a*)

A. cribratum Fauvel	–	–	–	BC	–	–	MB	ON	PQ	NB	NS	–	LB	NF

angulare Fauvel
columbiense Hatch

Genus EUCNECOSUM Reitter
Revelstokea Hatch
Key to North American species: Campbell (1984*a*)

E. brachypterum (Gravenhorst)*	AK	YK	NT	–	–	–	MB	–	–	–	–	–	–	–
beringense (Van Dyke)														
E. brunnescens (J. Sahlberg)*	AK	YK	NT	BC	AB	–	MB	ON	PQ	–	–	–	LB	NF
hoppingi (Hatch)														
E. tenue (LeConte)*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	–	–	LB	NF

Genus AMPHICHROUM Kraatz
Staphygraphis Horn

A. floribundum LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
flavicorne Casey														
A. maculatum (Horn)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
immaculatum Hatch														
A. maculicolle (Mannerheim)	AK	–	–	–	–	–	–	–	–	–	–	–	–	–

Genus PELECOMALIUM Casey
Heterops Mannerheim

P. laevicolle (LeConte)	–	–	–	–	–	–	–	–	PQ	–	NS	–	–	–
P. puberulum (Fauvel)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
P. testaceum (Mannerheim)	AK	–	–	BC	AB	–	–	–	–	–	–	–	–	–
binotatum Casey														
nigrum Hatch														

Genus LESTEVA Latreille
Lesta Blackwelder
Paralesteva Casey
Pseudolesteva Casey
Tevales Casey

L. pallipes LeConte	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	NF
biguttata LeConte														
picescens LeConte														

Genus UNAMIS Casey

U. columbiensis Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
U. fulvipes Fall	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus PHLAEOPTERUS Motschulsky
Phloeopterus LeConte
Tilea Fauvel

P. castaneus (Casey)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
cascadiensis Hatch														
P. cavicollis (Fauvel)	AK	–	–	BC	AB	–	–	–	–	–	–	–	–	–
brevipennis Casey														
longipalpus Hatch														
P. frosti Hatch	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. fusconiger Motschulsky	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. houkae Hatch	AK	–	–	BC	AB	–	–	–	–	–	–	–	–	–
P. lagrandeuri Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. loganensis Hatch	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–

Genus VELLICA Casey

V. longipennis Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus OROBANUS LeConte

O. falli Mank	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
O. rufipes Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
O. simulator LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
O. tarsalis Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus ARTOCHIA Casey

A. productifrons Casey	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus XYLODROMUS Heer														
X. concinnus (Marsham)†	AK	–	–	BC	AB	SK	–	–	–	–	–	–	–	–
lacustris Casey														
X. depressus (Gravenhorst)†	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
Genus ANTHOBIUM Leach														
Lathrimaeum Erichson														
A. atrocephalum (Gyllenhal)*	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
A. clarki Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. fimetarium (Mannerheim)	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. occiduum (Casey)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
A. reflexicolle Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. sinuosum Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Genus DEINOPTEROLOMA Jansson														
Mathrilaeum Moore														
Key to species: Smetana (1985*b*)														
D. pictum (Fauvel)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
D. subcostatum (Mäklin)	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
humerale (Casey)														
Genus TANYRHINUS Mannerheim														
T. singularis Mannerheim	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
Genus TRIGONODEMUS LeConte														
T. fasciatus Leech	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
T. striatus LeConte	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
Genus PORRHODITES Kraatz														
Key to North American species: Campbell (1984*b*)														
P. fenestralis (Zetterstedt)*	AK	YK	NT	BC	AB	–	MB	–	PQ	–	–	–	LB	–
brevicollis Mäklin														
P. inflatus (Hatch)	–	–	–	BC	AB	–	–	ON	PQ	–	–	–	–	–
Genus OROCHARES Kraatz														
Paradeliphrum Hatch														
Key to North American species: Campbell (1984*b*)														
O. tumidus (Hatch)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Genus GEODROMICUS Redtenbacher														
G. brunneus (Say)	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
caesus Erichson														
G. fauveli Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
G. integer Casey	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
G. rufipennis Van Dyke	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
G. schultzi Fauvel	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
G. strictus Fauvel	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	NF
nigrita Fauvel														
G. temporalis Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
G. verticalis (Say)	AK	YK	–	–	AB	–	MB	ON	PQ	NB	–	–	–	NF
ovipennis LeConte														
Genus MICROEDUS LeConte														
M. austinianus LeConte	AK	YK	–	BC	AB	–	–	–	PQ	–	–	–	–	–
M. fenderi Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
M. laticollis (Mannerheim)	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
M. porterae Hatch	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
M. rogersi Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Genus HAIDA Keen														
Key to species: Campbell (1978*b*)														
H. keeni Keen	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–

Subfamily OLISTHAERINAE

Genus OLISTHAERUS Dejean

O. megacephalus (Zetterstedt)*	AK	YK	NT	–	AB	–	–	–	PQ	–	–	–	–	–
laticeps LeConte														
O. substriatus (Gyllenhal)*	–	YK	NT	–	AB	–	–	ON	PQ	–	–	–	–	–
nitidus LeConte														

Subfamily PIESTINAE
Tribe Piestini

Genus SIAGONIUM Kirby & Spence
Prognathus Berthold
Key to North American species: Moore (1975)

S. americanum Melsheimer	–	–	–	–	AB	–	–	–	–	–	–	–	–	NF
convergens Sachse														
S. punctatum LeConte	–	–	–	–	AB	SK	MB	ON	PQ	–	NS	–	–	NF
S. stacesmithi Hatch	–	–	–	BC	AB	SK	MB	ON	PQ	–	–	–	LB	–

Tribe Trigonurini

Genus TRIGONURUS Mulsant
Key to North American species: Blackwelder (1941)

T. crotchii LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
lecontei Sharp														
T. dilaticollis Van Dyke	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
T. sharpi Blackwelder	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
T. subcostatus Mäklin	AK	–	–	–	–	–	–	–	–	–	–	–	–	–

Subfamily OSORIINAE
Tribe Osoriini

Genus HOLOTROCHUS Erichson
Neotrochus Blackwelder

H. laevicaudus (LeConte)	–	–	–	–	–	–	MB	–	–	–	–	–	–	–

Tribe Lispinini

Genus CLAVILISPINUS Bernhauer

C. prolixus (LeConte)	–	–	–	–	–	–	MB	–	PQ	–	–	–	–	–
C. rufescens (Hatch)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–

Genus THORACOPHORUS Motschulsky
Glyptoma Erichson

T. costalis (Erichson)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–

Tribe Eleusinini

Genus RENARDIA Motschulsky
Eumalus Sharp

R. canadensis Horn	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
R. nigrella (LeConte)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
jubilaea Motschulsky														

Subfamily OXYTELINAE
Key to genera: Herman (1970)
Tribe Coprophilini

Genus DELEASTER Erichson

D. concolor LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
D. dichrous (Gravenhorst)†	–	–	–	–	–	–	–	ON	PQ	–	–	–	LB	NF

Genus COPROPHILUS Latreille
Zonoptilus Solsky
Key to North American species: Campbell (1979a)

C. castoris Campbell	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
C. sexualis Leech	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus SYNTOMIUM Curtis
Eunonia Casey

S. confragosum Mäklin	AK	–	–	BC	AB	–	–	–	PQ	–	–	–	–	–
S. grahami Hatch	AK	–	–	–	–	–	–	–	PQ	–	–	–	–	NF
S. keenianum (Casey)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
S. malkini Hatch	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus MITOSYNUM Campbell

M. vockerothi Campbell	–	–	–	–	–	–	–	–	–	NB	–	–	–	–

Genus APLODERUS Stephens
Phloeonaeus Erichson

A. linearis LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus BLEDIUS Leach
Microbledius Herman
Psamathobledius Herman
Key to North American species: Herman (1972a, 1976, 1983, 1986)

B. albonotatus Mäklin	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
albidipennis Bernhauer														
ornatus LeConte														
B. analis LeConte	–	–	–	–	AB	–	MB	ON	PQ	–	–	–	–	–
B. annularis LeConte	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	–	–	LB	NF
languidus Casey														
B. aquilonarius Herman	AK	YK	NT	BC	AB	–	–	ON	PQ	–	–	–	–	–
B. assimilis Casey	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
B. basalis LeConte	–	–	–	–	–	–	–	–	–	–	NS	–	–	–
ignavus Casey														
misellus Casey														
B. confusus LeConte	AK	YK	NT	BC	AB	SK	–	ON	PQ	–	–	–	–	–
B. coulteri Hatch	–	–	–	BC	–	SK	MB	–	–	–	–	–	–	–
B. emarginatus (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
troglodytes Erichson														
B. flavipennis LeConte	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–
agonus Casey														
cuspidatus LeConte														
nelsoni Hatch														
tenuis Casey														
B. foraminosus Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
deceptivus Fall														
relictus Fall														
B. fumatus LeConte	–	–	–	–	–	–	MB	ON	–	–	–	–	–	–
B. gravidus Casey	–	–	NT	BC	AB	SK	MB	ON	–	–	–	–	–	–
missionensis Hatch														
B. habrus Herman	AK	YK	–	BC	–	–	–	–	–	–	–	–	–	–
B. ineptus Casey	–	–	–	–	AB	SK	MB	ON	–	–	–	–	–	–
B. longipennis Mäklin	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
B. mandibularis Erichson	–	–	–	–	–	SK	MB	–	–	–	–	–	–	–
brevidens LeConte														
B. melanocephalus (Say)	–	–	–	—	–	–	MB	–	–	–	–	–	–	–
confinis Fall														
B. monstratus Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
B. mysticus Fall	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
B. nardus Herman	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
B. neglectus Casey	–	–	–	–	–	–	–	–	–	NB	NS	–	–	NF
B. nitidicollis LeConte	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
B. omega Herman	–	–	–	–	AB	–	MB	ON	PQ	–	–	–	–	–
B. opacifrons LeConte	–	–	–	BC	–	–	MB	–	–	–	–	–	–	–
condonensis Hatch														
lectus Casey														
piceus Fall														
regularis Fall														
specularis Fall														

B. opaculus LeConte	–	–	–	–	–	–	–	–	–	–	NS	PE	–	NF
B. philadelphicus Fall	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	NF
dickersoni Notman														
dissimilis Fall														
falli Wendeler														
mixtus Notman														
B. politus Erichson	–	–	–	–	–	–	–	–	–	NB	–	–	–	–
nigriceps Notman														
B. rotundicollis LeConte	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
B. rubiginosus Erichson	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
B. ruficornis LeConte	–	–	–	BC	–	SK	MB	–	PQ	–	–	–	–	–
B. semiferrugineus LeConte	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
canaliculatus Notman														
B. strenuus Casey	–	–	–	BC	AB	SK	MB	ON	–	–	–	–	–	–
arizonensis Fall														
furtivus Casey														
B. suturalis LeConte	AK	YK	NT	BC	AB	SK	–	ON	–	–	–	–	–	–
luteipennis LeConte														
medialis Fall														
oregonensis Hatch														
pleuralis LeConte														
B. tarandus Herman	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	–	–	–	NF
divisus LeConte														
B. tau LeConte	–	–	–	–	–	–	MB	ON	PQ	NB	NS	–	–	NF
B. turgidus Casey	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	–	–	–	NF
borealis Blatchley														
bowronensis Hatch														
B. viriosus Herman	AK	YK	NT	BC	AB	SK	–	ON	PQ	–	–	–	–	–
B. washingtonensis Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
B. zophus Herman	–	YK	–	BC	–	–	–	–	–	–	–	–	–	–

Genus OCHTHEPHILUS Mulsant & Rey
Ancyrophorus Kraatz

O. biimpressus (Mäklin)*	AK	–	–	BC	–	–	–	–	–	–	–	–	–	NF
O. columbiensis (Hatch)	AK	YK	–	BC	–	–	–	–	–	–	–	–	–	–
O. planus (LeConte)	AK	–	–	BC	–	–	–	ON	PQ	–	–	–	–	–

Genus THINODROMUS Kraatz

T. corvinus (Casey)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
T. diffusus (Casey)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus CARPELIMUS Leach
Paratrogophloeus Hatch
Trogophloeus Mannerheim

C. bilineatus Stephens†	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. congener Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. conjunctus (Casey)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. diffusus (Casey)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. harneyi Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. nanuloides Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. obesus (Kiesenwetter)†	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
fossulatus Motschulsky														
mancus (Casey)														
spectatus (Casey)														
C. vancouverensis Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. volans (Notman)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus THINOBIUS Kiesenwetter
Torrentomus Bierig

T. alaskanus (Fall)	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
T. frizzelli Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
T. teres (Fall)	AK	–	–	–	–	–	–	–	–	–	–	–	–	–

Tribe Oxytelini

Genus PLATYSTETHUS Mannerheim

P. americanus Erichson	–	–	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
P. degener Mulsant & Rey†	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Genus OXYTELUS Gravenhorst

O. fuscipennis Mannerheim	AK	YK	–	BC	AB	SK	MB	ON	PQ	–	NS	–	–	–
O. laqueatus (Marsham)†	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
O. montanus Casey	AK	–	–	BC	AB	–	–	ON	PQ	NB	–	–	–	–
O. nimius Casey	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
O. pennsylvanicus Erichson	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
O. sculptus Gravenhorst†	–	–	–	BC	–	–	–	ON	PQ	–	–	–	–	–

Genus APOCELLUS Erichson

A. sphaericollis (Say)	–	–	–	–	AB	–	MB	ON	PQ	–	–	–	–	–
amabilis Sachse														

Genus ANOTYLUS C.G.Thomson
Key to species: Hammond (1976)

A. insecatus (Gravenhorst)†	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
A. insignitus (Gravenhorst)	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
A. niger (LeConte)	–	–	–	BC	–	–	MB	–	–	–	–	–	–	–
A. nitidulus (Gravenhorst)†	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
borealis (Motschulsky)														
punctatus (LeConte)														
rugulosus (Say)														
A. rugosus (Fabricius)†	–	–	–	BC	–	–	MB	ON	PQ	NB	NS	–	–	NF
A. sobrinus (LeConte)	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–
A. suspectus (Casey)	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
A. tetracarinatus (Block)†	–	–	–	BC	–	–	–	–	PQ	–	–	–	–	–

Subfamily PSEUDOPSINAE

Key to genera: Newton (1982)

Genus PSEUDOPSIS Newman
Key to species: Herman (1975)

P. montoraria Herman	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. sagitta Herman	AK	–	–	BC	AB	–	MB	ON	PQ	–	–	–	–	–
P. subulata Herman	–	–	–	–	–	–	MB	ON	PQ	NB	NS	–	–	NF

Genus ZALOBIUS LeConte
Key to species: Herman (1977)

Z. spinicollis LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus NANOBIUS Herman
Key to species: Herman (1977)

N. serricollis (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus ASEMOBIUS Horn
Key to species: Herman (1977)

A. caelatus Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Subfamily PHLOEOCHARINAE

Key to genera: Smetana and Campbell (1980)

Genus CHARHYPHUS Sharp
Chapmania Bernhauer
Pseudeleusis Bernhauer
Siberia Blackwelder
Triga Fauvel
Trigites Handlirsch
Key to species: Herman (1972*b*)

C. picipennis (LeConte)	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–

Genus VICELVA Moore & Legner

V. vandykei (Hatch)	AK	YK	–	BC	–	–	–	–	–	–	–	–	–	–

Subfamily TACHYPORINAE
Tribe Tachyporini

Genus TACHINUS Gravenhorst
Key to North American species: Campbell (1973*a*), (1988)

(Subgenus TACHINUS s. str.)

T. addendus Horn	–	–	–	–	–	–	MB	ON	PQ	–	NS	–	–	–
T. angustatus Horn	–	YK	–	BC	AB	–	–	–	–	–	–	–	–	–
T. apterus Mäklin	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
T. basalis Erichson*	AK	YK	–	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	–
circumcinctus Mäklin														
T. beckeri Campbell	–	YK	–	BC	–	–	–	–	–	–	–	–	–	–
T. brevipennis J. Sahlberg*	AK	YK	NT	–	–	–	–	–	–	–	–	–	–	–
T. canadensis Horn	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
T. contortus Hatch	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
varians Hatch														
T. corticinus Gravenhorst†	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
T. crotchii Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
T. dilatatus Hatch	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
T. elongatus Gyllenhal*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	–	–	LB	NF
parallelus Horn														
T. fimbriatus Gravenhorst	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
T. frigidus Erichson	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	NS	–	LB	NF
propinquus Mannerheim														
T. fumipennis (Say)	–	–	–	–	AB	–	MB	ON	PQ	NB	NS	–	–	–
T. horni Campbell	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
T. instabilis Mäklin*	AK	YK	–	BC	–	–	–	–	–	–	–	–	–	–
T. jacuticus jacuticus Poppius*	AK	YK	NT	–	–	–	–	–	–	–	–	–	–	–
nearcticus Campbell														
T. jacuticus ullrichi Campbell	–	–	–	–	–	–	–	–	PQ	–	–	–	LB	NF
T. lanei Hatch	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
T. limbatus Melsheimer	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
T. luridus Erichson	–	–	–	–	–	–	MB	ON	PQ	NB	NS	–	–	–
T. maculicollis Mäklin	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
T. memnonius Gravenhorst	–	–	–	–	–	–	MB	ON	PQ	NB	NS	–	–	–
batychrous Gravenhorst														
rufus Sachse														
T. minimus Campbell	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
T. nigricornis Mannerheim	AK	–	–	BC	AB	–	–	–	–	–	–	–	–	–
T. picipes Erichson	–	–	–	–	–	–	–	ON	PQ	NB	NS	PE	–	–
T. quebecensis Robert	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
acutus Hatch														
T. rainieri Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
T. rufipes (DeGeer)†	–	–	–	BC	–	–	–	–	PQ	NB	NS	–	–	NF
T. schwarzi Horn	–	–	–	–	–	–	–	–	PQ	–	NS	–	–	–
T. scrutator Gemminger & Harold	–	–	–	–	AB	–	MB	ON	PQ	NB	NS	–	–	–
discoideus Melsheimer														
repandus Horn														
T. semirufus Horn	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
T. smetanai Campbell	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
T. stacesmithi Campbell	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
T. subterraneus (Linné)†	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
T. tachyporoides Horn	–	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	LB	NF
T. thruppi Hatch	–	YK	–	BC	AB	–	MB	ON	PQ	NB	NS	–	LB	NF
T. vergatus Campbell	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

(Subgenus TACHINODERUS Motschulsky)

T. debilis Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus COPROPORUS Kraatz
Erchomus Motschulsky
Key to North American species: Campbell (1975)

C. ventriculus (Say)	–	–	NT	BC	AB	SK	–	ON	PQ	NB	NS	–	–	–
acuductus (Kirby)														
affinis (Kirby)														
flavidus (Casey)														
gibbulus (Erichson)														
maneei Scheerpeltz														
punctulatus (Melsheimer)														
politus (Manee)														

Genus CILEA Jacquelin du Val
Key to North American species: Campbell (1975)

C. silphoides (Linné)†	–	–	–	BC	AB	–	–	ON	PQ	NB	–	–	–	–

Genus TACHYPORUS Gravenhorst
Key to North American species: Campbell (1979*b*)

(Subgenus PALPORUS Campbell)

T. nitidulus (Fabricius)*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	–	–	LB	NF
faber Say														

(Subgenus TACHYPORUS s. str.)

T. abdominalis (Fabricius)*	AK	YK	NT	BC	AB	–	MB	ON	PQ	NB	–	–	–	NF
T. borealis Campbell	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	NS	–	–	–
T. browni Campbell	–	–	–	–	–	–	–	–	PQ	NB	–	–	–	–
T. californicus Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
tehamae Blackwelder														
T. canadensis Campbell	–	YK	–	BC	–	SK	MB	ON	PQ	NB	–	–	–	NF
T. dimorphus Campbell	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
T. dispar (Paykull)†	–	–	–	BC	–	–	–	ON	PQ	NB	NS	–	–	NF
chrysomelinus auct.														
T. elegans Horn	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
T. flavipennis Campbell	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	–	–	–	NF
T. inornatus Campbell	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	–	–	–	–
T. jocosus Say	–	–	–	–	–	–	MB	ON	–	–	–	–	–	–
acaudus Say														
arduus Erichson														
infuscatus Bernhauer														
maculipennis LeConte														
snyderi Blackwelder														
T. lecontei Campbell	–	–	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
T. maculicollis LeConte	–	–	–	BC	AB	SK	MB	ON	PQ	–	NS	–	–	–
T. mexicanus Sharp	–	YK	–	BC	AB	SK	MB	–	PQ	–	NS	–	–	NF
alleni Blackwelder														
oregonus Blackwelder														
temacus Blackwelder														
T. nanus Erichson	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
T. nimbicola Campbell	AK	YK	NT	BC	AB	–	–	–	PQ	NB	NS	–	LB	NF
T. ornatus Campbell	–	–	–	–	AB	SK	MB	–	PQ	–	–	–	–	–
T. pacificus Campbell	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
T. pulchrus Blatchley	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
T. rulomoides Campbell	–	–	–	–	–	–	MB	ON	PQ	NB	–	–	–	–
T. rulomus Blackwelder	AK	YK	NT	BC	AB	–	MB	ON	PQ	–	–	–	LB	NF
T. stacesmithi Campbell	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
T. transversalis Gravenhorst†	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Genus SEPEDOPHILUS Gistel
Key to North American species: Campbell (1976)

S. basalis (Erichson)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
pulicarius (Sachse)														
setifer (Casey)														
S. bisignatus (Horn)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
S. cinctulus (Erichson)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
corticola (Casey)														
S. crassus (Gravenhorst)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
moestus (Say)														
S. ctenidialis Campbell	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
S. littoreus (Linné)†	–	–	–	BC	AB	–	MB	ON	PQ	NB	NS	–	–	NF
carissimus Hatch														
knoxii (LeConte)														
S. marshami (Stephens)†	–	–	–	–	–	–	–	–	PQ	–	NS	–	–	–
S. opicus (Say)	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
S. scriptus (Horn)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
S. testaceus (Fabricius)†	–	–	–	–	AB	SK	–	ON	PQ	NB	NS	–	–	NF
elongatus (Blatchley)														
imbricatus (Casey)														
limuloides (Casey)														
S. velocipes (Casey)	–	–	–	–	–	–	–	–	–	–	NS	–	–	–
virginiae (Casey)														
S. wickhami Campbell	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Tribe Bolitobiini

Genus LORDITHON C.G. Thomson
Key to North American species: Campbell (1982*b*)

(Subgenus LORDITHON s. str.)

L. anticus (Horn)	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
L. appalachianus Campbell	–	–	–	–	–	–	MB	ON	PQ	NB	NS	–	–	–
L. axillaris (Gravenhorst)	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
L. cascadensis (Malkin)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
hatchi (Malkin)														
L. difficilis Campbell	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
L. facilis (Casey)	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	NF
L. niger (Gravenhorst)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
L. poecilus (Mannerheim)	–	–	NT	BC	AB	–	–	–	–	–	–	–	–	–
L. scutellaris Campbell	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	NF
L. thoracicus thoracicus (Fabricius)*	AK	YK	NT	BC	AB	–	MB	ON	PQ	NB	NS	–	LB	NF
cincticollis (Say)														
occiduus (Casey)														

(Subgenus BOLITOBUS Tottenham)

L. bimaculatus (Couper)	–	–	–	BC	AB	–	MB	ON	PQ	NB	NS	–	–	–
kelleyi Malkin														
L. cinctus (Gravenhorst)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
atricaudatus (Say)														
gentilis (LeConte)														
L. fungicola Campbell	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF
L. idahoae Hatch	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
L. longiceps (LeConte)	AK	–	–	BC	AB	–	–	ON	PQ	–	NS	–	–	–
elefas (Bernhauer)														
L. notabilis Campbell	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
L. obsoletus (Say)	–	–	–	–	–	–	–	–	–	–	NS	–	–	–
sellatus Sachse														
L. oregonus Campbell	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
L. quaesitor (Horn)	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
rostratus (LeConte)														

Genus CARPHACIS des Gozis
Key to North American species: Campbell (1980)

C. intrusus (Horn)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
C. nepigonensis (Bernhauer)	–	–	–	BC	–	–	MB	ON	PQ	NB	NS	–	–	NF
ruber (Malkin)														
wallisi (Malkin)														

Genus BOLITOBIUS Leach

B. analis (Paykull)*	–	–	NT	–	AB	SK	MB	ON	PQ	–	NS	–	–	–
cingulatus auct.														
B. kremeri (Malkin)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus BRYOPORUS Kraatz

B. rubescens (Hatch)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
B. rufescens LeConte	–	–	–	BC	–	–	–	ON	PQ	NB	–	–	LB	–
parvulus Casey														
rubidus Leconte														
testaceus LeConte														
B. varians (Hatch)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus MYCETOPORUS Mannerheim

(Subgenus ISCHNOSOMA Stephens)

M. pictus Horn	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
M. splendidus (Gravenhorst)*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	NS	–	–	NF
elegans Matthews														
inquisitus Casey														
pallidus Mannerheim														

(Subgenus MYCETOPORUS s. str.)

M. americanus Erichson	–	–	–	–	–	–	MB	ON	PQ	NB	–	–	–	–
lucidulus LeConte														

M. brunneus (Marsham)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
M. consors LeConte	–	–	–	–	–	–	MB	ON	PQ	NB	NS	–	–	–
M. discalis Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
M. inquisitus Casey	–	–	–	–	AB	SK	MB	ON	PQ	NB	–	–	–	–
M. insignitus Mäklin	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
M. neotomae Fall	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
M. punctatissimus Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
M. punctulatus Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
M. rugosus Hatch	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	NS	–	–	–

Subfamily TRICHOPHYINAE

Genus TRICHOPHYA Mannerheim
Eumitocerus Casey

T. pilicornis (Gyllenhal)†	–	–	–	BC	–	–	–	ON	PQ	–	NS	–	–	–

Subfamily HABROCERINAE

Genus HABROCERUS Erichson

H. capillaricornis (Gravenhorst)†	–	–	–	BC	–	–	–	ON	PQ	–	–	–	–	NF
H. magnus LeConte	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	NF
H. schwarzi Horn	–	–	–	–	AB	–	MB	ON	PQ	–	–	–	–	–

Subfamily ALEOCHARINAE
Tribe Oxypodini

Key to North American genera: Seevers (1978)

Genus DEVIA Blackwelder
Dasyglossa Kraatz

D. congruens (Casey)	AK	–	NT	–	–	–	MB	–	–	–	–	–	–	–

Genus GNATHUSA Fenyes

G. caribou Lohse	AK	YK	NT	–	–	–	–	–	–	–	–	–	–	–
G. tenuicornis Fenyes	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus OCYUSA Kraatz

O. canadensis Lohse	AK	YK	–	–	–	–	–	–	–	–	–	–	–	–

Genus ILYOBATES Kraatz
Gennadota Casey

I. canadensis (Casey)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Genus MOLUCIBA Casey

M. grandipennis Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus OCALEA Erichson
Isoglossa Casey

O. vancouveri Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus OXYPODA Mannerheim
Hylota Casey

O. bradorensis Lohse	AK	YK	NT	–	–	–	–	–	PQ	–	–	–	–	–
O. chillcotti Lohse	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
O. demissa Casey	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
O. egestosa Casey	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
O. famula Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
O. frigida Bernhauer	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
O. glenorae Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
O. hemingi Lohse	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
O. hiemalis Casey	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
O. impressa Casey	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
O. irrasa Mäklin	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
O. lacustris Casey	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
O. lassula Casey	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
O. lata Lohse	–	–	–	–	–	–	MB	–	–	–	–	–	–	–

O. leechi Lohse	–	YK	–	–	–	–	–	–	–	–	–	–	–	–
O. madgei Lohse	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
O. manitobae Casey	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
O. nelsoni Lohse	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
O. optiva Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
O. parafunebris Lohse	AK	YK	NT	–	–	–	MB	–	–	–	–	–	–	–
O. regressa Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
O. subpolaris Casey	AK	–	–	–	–	–	–	–	–	–	–	–	–	–

Genus PENTANOTA Bernhauer

P. meuseli Bernhauer*	AK	–	–	–	–	–	–	–	–	–	–	–	–	–

Genus BRACHYUSA Mulsant & Rey
Tetralina Casey

B. americana (Fenyes)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
B. helenae (Casey)	AK	–	NT	–	–	–	–	–	–	–	–	–	–	–

Genus GNYPETA C.G. Thomson
Euliusa Casey

G. brevicornis Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
G. caerula (C.R. Sahlberg)†	–	–	–	–	–	–	–	–	–	–	–	–	–	NF
G. manitobae Casey	–	–	–	–	–	–	MB	–	–	–	–	–	–	–

Genus MERONERA Sharp

M. venustula (Erichson)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Tribe Athetini

Genus ACROTONA C.G. Thomson

A. adjuvans Casey	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
A. onthophila Lohse	AK	YK	–	–	–	–	–	–	–	–	–	–	–	–

Genus HYDROSMECTA C.G. Thomson

H. pseudodiosica Lohse	–	YK	–	–	–	–	–	–	–	–	–	–	–	–

Genus CANASTOTA Casey

C. canadensis (Casey)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Genus DATOMICRA Mulsant & Rey
Hilarina Casey
Micromota Casey
Oligomia Casey
Taxicerella Casey

D. surgens (Casey)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
D. wrangeli (Casey)	AK	–	–	–	–	–	–	–	–	–	–	–	–	–

Genus DIMETROTA Mulsant & Rey
Dalotia Casey
Dimetrotina Casey
Engamota Casey

D. alaskana (Casey)	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
D. altaica (Bernhauer)*	AK	YK	–	–	–	–	–	–	–	–	–	–	LB	–
D. bradorensis Lohse	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
D. burwelli Lohse	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
D. campbelli Lohse	AK	YK	–	–	–	–	–	–	–	–	–	–	–	–
D. caribou Lohse	–	YK	–	–	–	–	–	–	–	–	–	–	–	–
D. dempsterensis Lohse	–	YK	–	–	–	–	–	–	PQ	–	–	–	–	–
D. moesta Mäklin	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
maeklini (Fenyes)														
D. munsteri (Bernhauer)*	AK	YK	NT	–	–	–	MB	–	–	–	–	–	–	–
D. nearctica Lohse	AK	YK	NT	–	–	–	–	–	–	–	–	–	–	–
D. omissa Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
D. picipennis (Mannerheim)*	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
carlottae (Casey)														
D. prudhoensis Lohse	AK	YK	–	–	–	–	–	–	–	–	–	–	–	–
D. regissalmonis Lohse	AK	–	–	–	–	–	–	–	–	–	–	–	–	–

D. resplendens Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
D. retrusa Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
D. smetanai Lohse	AK	YK	NT	–	–	–	MB	–	PQ	–	–	–	LB	–
D. stercoris (Fenyes)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
columbica (Bernhauer)														
D. venti Lohse	–	YK	–	–	–	–	–	–	–	–	–	–	–	–
D. vicaria Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Genus PSEUDOTA Casey														
P. cornicula Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. formalis Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. irrupta Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. nanulina Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. nescia Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. vana Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Genus AMISCHA C.G. Thomson														
Colposura Casey														
A. analis (Gravenhorst)†	–	–	–	–	–	–	–	–	–	–	–	–	–	NF
Genus GEOSTIBA C.G. Thomson														
Sibiota Casey														
G. circellaris (Gravenhorst)†	–	–	–	–	–	–	–	–	–	–	–	–	–	NF
impressula Casey														
G. parvipennis (Bernhauer)	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
Genus BOREOSTIBA Lohse														
B. campbelliana Lohse	AK	YK	–	–	–	–	–	–	–	–	–	–	–	–
B. hudsonica Lohse	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
B. lagunae Lohse	–	YK	–	–	–	–	–	–	–	–	–	–	–	–
B. lamellifera Lohse	–	YK	–	–	–	–	–	–	PQ	–	–	–	–	–
B. sibirica (Mäklin)*	AK	YK	NT	–	–	–	–	–	PQ	–	–	–	LB	–
Genus ADOTA Casey														
Panalota Casey														
A. comparabilis (Mäklin)	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
A. maritima (Mannerheim)	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
massettensis Casey														
Genus ANEPSIOTA Casey														
A. quadricollis Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. terminalis Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
renominata Bernhauer & Scheerpeltz														
Genus ATHETA C.G. Thomson														
Elytrusa Casey														
Stonalota Mannerheim														
A. circulicollis Lohse	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
A. granulata (Mannerheim)	AK	YK	NT	–	–	–	MB	–	PQ	–	–	–	LB	–
nomadica Casey														
A. martini Lohse	–	YK	–	–	–	–	–	–	–	–	–	–	–	–
Genus ATHETALIA Casey														
A. metlakatlana (Bernhauer)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. nimia (Casey)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Genus ATHETOTA Casey														
A. atriventris Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. wickhami (Casey)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Genus LAMIOTA Casey														
L. achromata (Casey)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
L. concessa (Casey)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
L. keeni (Casey)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
L. profecta (Casey)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Staphylinidae

Genus LIOGLUTA C.G. Thomson *Pseudomegista* Bernhauer														
L. aloconotoides Lohse	–	–	–	–	–	–	–	–	–	–	–	–	LB	–
L. granulosa Lohse	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
L. insolens (Casey)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
L. nigropolita (Bernhauer)	–	YK	–	–	–	–	–	–	PQ	–	–	–	LB	–
L. nitens (Mäklin)	AK	YK	–	BC	–	–	–	–	–	–	–	–	–	–
L. trapezicollis Lohse	–	YK	–	–	–	–	–	–	–	–	–	–	–	–
L. vasta (Mäklin)	AK	YK	–	–	–	–	–	–	–	–	–	–	–	–
Genus MOCYTA Mulsant & Rey														
M. amblystegii (Brundin)*	AK	YK	NT	–	–	–	MB	–	–	–	–	–	–	–
M. breviuscula (Mäklin) *prudens* (Casey)	AK	–	–	BC	AB	–	–	–	–	–	–	–	–	–
Genus ALAOBIA C.G. Thomson														
A. sparreschneideri (Munster)*	AK	YK	–	–	–	–	–	–	–	–	–	–	–	–
Genus SCHISTOGLOSSA Kraatz														
S. aubeiodes Brundin	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
S. holmbergi Brundin	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
Genus PSEUDOUSIPALIA Lohse														
P. microptera Lohse	AK	YK	–	–	–	–	–	–	–	–	–	–	–	–
Genus BOREOPHILIA Benick														
B. caseyi Lohse	AK	YK	NT	–	–	–	–	–	–	–	–	–	–	–
B. caseyiana Lohse	–	YK	–	–	–	–	–	–	–	–	–	–	–	–
B. chillcotti Lohse	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
B. eremita (Rye)*	AK	–	–	–	–	–	MB	–	–	–	–	–	LB	–
B. fusca (C.R. Sahlberg)*	AK	–	NT	–	–	–	–	–	–	–	–	–	–	–
B. gelida (J. Sahlberg)	AK	YK	NT	–	–	–	MB	–	PQ	–	–	–	–	–
B. hyperborea (Brundin)*	AK	–	NT	–	–	–	–	–	–	–	–	–	–	–
B. insecuta (Eppelsheim)*	AK	YK	–	–	–	–	MB	–	–	–	–	–	–	–
B. islandica (Kraatz)*	AK	YK	NT	–	–	–	–	–	–	–	–	–	–	–
B. manitobensis Lohse	AK	–	–	–	–	–	MB	–	–	–	–	–	–	–
B. nearctica Lohse	AK	YK	–	–	–	–	MB	–	PQ	–	–	–	LB	–
B. nomensis (Casey)	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
B. subplana (J. Sahlberg)*	AK	–	NT	–	–	–	–	–	–	–	–	–	–	–
Genus CLUSIOTA Casey														
C. claviventris Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Genus DINARAEA C.G. Thomson														
D. borealis Lohse	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
D. planaris (Mäklin)	AK	YK	–	–	–	–	–	–	–	–	–	–	–	–
Genus BESSOBIA C.G. Thomson														
B. cryptica Lohse	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
Genus HOMALOTUSA Casey														
H. manitobae (Casey)	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
Genus MICRODOTA Mulsant & Rey *Hilara* Mulsant & Rey *Sonomota* Casey														
M. globicollis (Bernhauer)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
M. holmbergi (Bernhauer)	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
Genus PARADILACRA Bernhauer														
P. glenorica (Casey)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Genus PHILHYGRA Mulsant & Rey														
P. awemeana (Casey)	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
P. botanicarum Muona†	–	–	–	–	–	–	–	–	–	–	–	–	–	NF

P. criddlei (Casey)	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
P. erudita (Casey)	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
P. falcifera Lohse	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
P. junii Lohse	–	YK	–	–	–	–	–	–	–	–	–	–	–	–
P. laevicollis (Mäklin)	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
P. leechi Lohse	–	–	NT	–	–	–	MB	–	–	–	–	–	–	–
P. malleoides Lohse	AK	YK	NT	–	–	–	MB	–	PQ	–	–	–	–	–
P. polaris (Bernhauer)*	AK	YK	NT	–	–	–	MB	–	PQ	–	–	–	–	–
P. prognata (Casey)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. pseudoboreostiba Lohse	–	YK	–	–	–	–	–	–	–	–	–	–	–	–
P. ripicoloides Lohse	–	YK	NT	–	–	–	–	–	–	–	–	–	–	–
P. rostrifera Lohse	–	–	–	–	–	–	–	–	–	–	–	–	LB	–
P. satanas (Bernhauer)	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
P. stylifera Lohse	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
P. surrufa (Casey)	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
P. varula (Casey)	–	–	–	–	–	–	MB	–	–	–	–	–	–	–

Genus XENOTA Mulsant & Rey
Delphota Casey
Donesia Casey
Halobrecthina Bernhauer
Nemota Casey
Rovalida Casey

X. apposita (Casey)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
X. brumalis (Casey)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
X. cursor (Mäklin)	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
X. districta (Casey)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
X. fanatica (Casey)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
X. fungi (Gravenhorst)†	–	–	–	–	–	–	–	–	–	–	–	–	–	NF
X. mollicula (Casey)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
X. mordax (Casey)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
X. pallitarsis (Kirby)	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
X. postulans (Casey)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
X. pratensis (Mäklin)	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
X. pugnans (Fenyes)	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
militaris (Casey)														
X. relicta (Casey)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
X. remulsa (Casey)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
X. resplendens (Casey)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
X. rurigena (Casey)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
X. subintima (Casey)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
X. sumpta (Casey)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
X. tenuicula (Casey)	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
X. wrangelica (Casey)	AK	–	–	–	–	–	–	–	–	–	–	–	–	–

Genus LYPOGLOSSA Fenyes
Megacrotona Scheerpeltz

L. angularis (Mäklin)	AK	YK	–	BC	–	–	–	ON	PQ	–	–	–	–	NF
L. fenyesi (Bernhauer)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus PONTOMALOTA Casey

P. luctuosa Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus STROPHOGASTRA Fenyes

S. penicillata Fenyes	–	–	–	–	–	–	MB	–	–	–	–	–	–	–

Genus TARPHIOTA Casey

T. debilicollis Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
T. fucicola (Mäklin)	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
T. geniculata (Mäklin)	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
insolita Casey														
T. seditiosa Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus TRICHIUSA Casey

T. columbica Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
T. postica Casey	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Tribe Aleocharini

Genus ALEOCHARA Gravenhorst
Key to North American species: Klimaszewski (1984)

(Subgenus COPROCHARA Mulsant & Rey)
(*Eucharina* Casey)
(*Funda* Blackwelder)

A. bilineata Gyllenhal†	–	–	–	BC	AB	–	MB	ON	PQ	–	NS	PE	–	NF
anthomyiae Sprague														
ontarionis (Casey)														
A. bimaculata Gravenhorst	–	–	NT	BC	AB	SK	MB	ON	PQ	–	–	–	LB	–
deserticola (Casey)														
innocua (Casey)														
obsolescens (Casey)														
recta (Casey)														
A. suffusa (Casey)*	AK	–	–	BC	AB	–	–	–	PQ	–	–	–	–	–
acuminata (Casey)														
perturbans Fenyes														
A. sulcicollis Mannerheim	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
cylindrella (Casey)														
debilicornis (Casey)														
rugosa (Casey)														
tibialis (Casey)														
A. verna Say*	AK	YK	–	BC	AB	SK	MB	ON	PQ	–	NS	PE	LB	NF

(Subgenus XENOCHARA Mulsant & Rey)

A. castaneipennis Mannerheim	AK	YK	–	BC	AB	–	–	ON	PQ	–	–	–	–	–
acomana (Casey)														
concurrens (Casey)														
eludens (Casey)														
glenorana (Casey)														
insulana (Casey)														
mannerheimi (Casey)														
oregona Hatch														
rotundicollis (Casey)														
A. fumata Gravenhorst†	–	YK	–	BC	AB	–	MB	ON	PQ	NB	NS	PE	–	–
affluens (Casey)														
defecta (Casey)														
languida Sachse														
A. inexspectata Klimaszewski	–	–	–	–	–	–	–	–	PQ	–	NS	–	–	–
A. lacertina Sharp	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	–
densiventris Bernhauer														
idonea (Casey)														
imbricata (Casey)														
salicola (Casey)														
A. lanuginosa Gravenhorst†	–	–	–	BC	AB	–	–	ON	PQ	–	–	–	–	NF
A. sculptiventris (Casey)	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	NF
A. tristis Gravenhorst†	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–

(Subgenus CALOCHARA Casey)
(*Oreochara* Casey)

A. laramiensis (Casey)	–	–	–	–	AB	SK	–	–	–	–	–	–	–	–
A. rubricalis (Casey)	–	–	–	BC	–	–	–	ON	–	–	–	–	–	–
A. rubripennis (Casey)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
rubripes Blatchley														
wallawallae Hatch														
A. speculicollis Bernhauer	–	–	–	–	AB	–	–	ON	PQ	–	–	–	–	–
A. villosa Mannerheim†	AK	–	–	BC	AB	–	–	–	–	–	–	–	–	–

(Subgenus ALEOCHARA s. str.)

A. curtula (Goeze)†	–	–	–	BC	–	–	–	ON	PQ	NB	NS	–	–	NF
bugnioni Fauvel														
fuscipes (Linné)														
A. gracilicornis Bernhauer*	–	–	NT	BC	–	SK	MB	ON	PQ	–	NS	–	–	–
americana Casey														
ellipsicollis Casey														
kansana Casey														
pleuralis Casey														
A. lata Gravenhorst†	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
A. assiniboin Klimaszewski	–	YK	–	BC	–	SK	MB	ON	–	–	–	–	–	–
rufonigra Klimaszewski														

A. tahoensis Casey	–	YK	NT	BC	AB	SK	MB	ON	–	–	NS	–	–	–
montanica Casey														
postpicta Casey														
A. thoracica Casey	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
collusor Casey														
A. sekanai Klimaszewski	AK	YK	–	–	AB	–	MB	ON	–	–	–	–	–	–
unicolor Klimaszewski														
(Subgenus ECHOCHARA Casey)														
A. ocularis Klimaszewski	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
(Subgenus EMPLENOTA Casey)														
(*Polistoma* Casey)														
(*Polystoma* Stephens)														
A. curtidens Klimaszewski	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. litoralis (Mäklin)	AK	–	–	BC	–	–	–	–	PQ	NB	NS	–	–	NF
arenaria (Casey)														
longiceps (Casey)														
maritima (Casey)														
quadrifer (Casey)														
trilimbata (Casey)														
A. pacifica (Casey)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Genus PHLOEOPORA Erichson														
P. arctica Lohse	–	YK	NT	–	–	–	–	–	–	–	–	–	–	–
Genus PAROCALEA Bernhauer														
P. nearctica Lohse	AK	YK	NT	–	–	–	–	–	–	–	–	–	–	–
P. pseudobaicalica Lohse	AK	YK	NT	–	–	–	–	–	PQ	–	–	–	–	–

Tribe Hoplandriini

Genus HOPLANDRIA Kraatz Key to species: Génier (1989)														
(Subgenus HOPLANDRIA s. str.)														
H. lateralis (Melsheimer)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
arizonica Casey														
carinata Casey														
ochracea Kraatz														
texana Casey														
(Subgenus LOPHOMUCTER Notman)														
H. klimaszewskii Génier	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
H. laevicollis (Notman)	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–

Tribe Falagriini

Key to North American species: Hoebeke (1985)

Genus CORDALIA Jacobs														
C. obscura (Gravenhorst)†	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
Genus MYRMECOCEPHALUS MacLeay														
Lorinota Casey														
Stenagria Sharp														
M. arizonicus (Casey)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
acomanus (Casey)														
fontinalis (Casey)														
M. cingulatus (LeConte)	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
sinuosus Casey														
tenuicornis Casey														
M. gatineauensis Hoebeke	–	–	–	–	–	–	–	–	PQ	NB	–	–	–	–
Genus FALAGRIA Leach														
F. dissecta Erichson	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	–
angulata Casey														
erythroptera Melsheimer														

globosa Melsheimer														
iowana Casey														
ithacana Casey														
sterilis Casey														
subsimilis Casey														
texana Casey														
F. sulcata (Paykull)†	–	–	–	–	AB	–	–	ON	PQ	–	–	–	–	–
sicula Jekel														
Genus ALEODORUS Say														
Chitalia Sharp														
A. bilobatus (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
canadensis (Casey)														
nigrescens (Casey)														
turbatus (Casey)														
A. intricatus (Casey)	–	–	–	–	AB	SK	–	–	–	–	–	–	–	–
A. scutellaris (LeConte)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
granulosus (Casey)														
illustris (Casey)														

Tribe Myrmedoniini

Genus DRUSILLA Leach														
D. cavicollis (Casey)	AK	–	–	–	AB	–	–	–	PQ	–	–	–	–	–
Genus XENODUSA Wasmann														
Pseudolomechusa Mann														
Key to North American species: Hoebeke (1976)														
X. cava (LeConte)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
lobata Casey														
probata Casey														
X. reflexa (Walker)	–	–	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
Genus ZYRAS Stephens														
Platyusa Casey														
Z. criddlei (Casey)	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
Z. loricatus Casey	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Tribe Gyrophaenini
Subtribe Gyrophaenina

Key to North American genera: Ashe (1984)
Key to North American species: Seevers (1951)

Genus GYROPHAENA Mannerheim														
(Subgenus GYROPHAENA s. str.)														
G. affinis C.R. Sahlberg‡	–	–	–	BC	–	–	MB	–	PQ	NB	–	–	–	–
lacustris Casey														
inconspicua Casey														
subpunctata Casey														
G. antennalis Casey	–	–	–	–	–	–	–	–	–	NB	–	–	–	–
G. californica Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
G. caseyi Seevers	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
G. criddlei Casey	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
G. egena Casey	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
exilis Casey														
G. flavicornis Melsheimer	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
G. gaudens Casey	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
G. geniculata Mäklin	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
G. gilvicollis Casey	–	–	–	–	–	–	–	?	–	–	–	–	–	–
G. insolens Casey	–	–	–	–	–	–	–	ON	–	NB	–	–	–	–
G. keeni Casey	–	YK	–	BC	AB	–	–	ON	PQ	NB	–	–	–	–
G. modesta Casey	–	–	–	–	–	–	–	–	–	NB	–	–	–	–
G. nana (Paykull)*	AK	YK	–	BC	AB	–	MB	ON	–	–	–	–	–	–
perpolita Casey														
G. nanoides Seevers	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
G. sculptipennis Casey	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–

G. uteana Casey	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
pacifica Casey														
G. vitrina Casey	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
attonsa Casey														
(Subgenus PHAENOGYRA Seevers)														
G. gracilis Seevers	–	–	–	–	–	–	–	?	–	–	–	–	–	–
G. subnitens Casey	–	–	–	–	–	–	MB	ON	–	–	–	–	–	–
Genus EUMICROTA Casey														
E. socia (Erichson)	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–

Subtribe Bolitocharina

Genus BOLITOCHARA Mannerheim														
Ditropalia Casey														
Pleurotobia Casey														
Silusida Casey														
Stictalia Casey														
Venusa Casey														
B. arcuata (Casey)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
B. carlottae (Casey)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
B. densicollis (Casey)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
B. notata Mäklin	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
Genus LEPTUSA Kraatz														
Dianusa Casey														
Eucryptusa Casey														
Ulitusa Casey														
L. fontana (Casey)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Subtribe Homalotina

Genus HOMALOTA Mannerheim														
H. depressiuscula Mannerheim	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
Genus PLACUSA Erichson														
P. turbata Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Subtribe Cyphina

Genus CYPHEA Fauvel														
C. wallisi Fenyes	–	–	–	–	–	–	MB	–	–	–	–	–	–	–

Tribe Autaliini

Genus AUTALIA Leach														
A. brevicornis Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. truncatula Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Tribe Phytosini

Key to western North American species: Moore (1956)

Genus AMBLOPUSA Casey														
A. borealis Casey	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. brevipes Casey	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
pallida Casey														
Genus DIAULOTA Casey														
D. densissima Casey	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
insolita Casey														

Genus LIPAROCEPHALUS Mäklin

L. brevipennis Mäklin	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
L. cordicollis LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus THINUSA Casey

T. fletcheri Casey	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
divergens Casey														
nigra Casey														
robustula Casey														

Tribe Gymnusini

Key to North American species: Klimaszewski (1979)

Genus GYMNUSA Gravenhorst

G. atra Casey*	AK	YK	NT	BC	–	–	MB	ON	PQ	NB	NS	–	LB	NF
G. brevicollis (Paykull)†	–	–	–	–	–	–	–	–	PQ	–	–	–	LB	–
G. campbelli Klimaszewski	AK	YK	NT	–	–	–	–	ON	PQ	NB	–	–	–	NF
G. grandiceps Casey	–	–	–	–	–	–	MB	ON	PQ	–	NS	–	–	NF
G. konopackii Klimaszewski	AK	YK	NT	–	–	–	MB	–	–	–	–	–	–	–
G. pseudovariegata Klimaszewski	AK	YK	NT	–	AB	–	MB	ON	PQ	NB	NS	–	LB	NF
G. smetanai Klimaszewski	AK	YK	NT	–	–	–	MB	ON	–	–	–	–	–	NF

Tribe Deinopsini

Key to North American species: Klimaszewski (1979)

Genus DEINOPSIS Matthews

D. canadensis Klimaszewski	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
D. harringtoni Casey	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	NF
D. rhadina Klimaszewski	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Tribe Myllaenini

Key to North American species: Klimaszewski (1982)

Genus MYLLAENA Erichson

M. arcana Casey	–	–	–	–	AB	–	–	ON	PQ	NB	–	–	–	–
immunda Casey														
M. audax Casey	–	–	NT	BC	–	–	–	ON	PQ	NB	–	–	–	–
abdita Casey														
dissimulans Casey														
molesta Casey														
vegeta Casey														
M. decreta Casey	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
impellens Casey														
scobinella Casey														
umbra Casey														
M. fenyesi Bernhauer	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
esuriens Casey														
M. insomnis Casey	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	–
M. ludificans Casey	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
brevivestis Casey														
M. procidua Casey	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
M. vulpina Bernhauer	–	–	–	–	–	–	–	–	–	–	NS	–	–	–

Tribe Oligotini

Genus CYPHA Leach
Hypocyphtus Gyllenhal

C. crotchi Horn	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–

Subfamily OXYPORINAE

Key to North American species: Campbell (1969), (1978*a*)

Genus OXYPORUS Fabricius														
(Subgenus PSEUDOXYPORUS Nakane & Sawada)														
O. lateralis Gravenhorst	–	–	–	–	–	–	MB	ON	PQ	NB	NS	–	–	–
brevis Melsheimer														
O. occipitalis Fauvel	–	YK	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
O. quinquemaculatus LeConte	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
(Subgenus OXYPORUS s. str.)														
O. femoralis femoralis Gravenhorst	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
pulcher Ziegler														
O. kiteleyi Campbell	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
O. rufipennis LeConte	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
O. stygicus Say	–	–	–	–	–	–	–	–	PQ	–	NS	–	–	–
O. vittatus vittatus Gravenhorst	–	–	–	–	–	–	MB	ON	PQ	NB	NS	–	–	–
cinctus Gravenhorst														
dimidiatus Melsheimer														
fasciatus Melsheimer														

Subfamily STENINAE

Key to North American species: Casey (1884)

Genus DIANOUS Samouelle														
D. chalybaeus LeConte	AK	–	NT	–	–	–	–	ON	PQ	NB	–	–	–	NF
coerulescens Blatchley														
D. nitidulus LeConte	AK	YK	–	BC	AB	SK	–	–	PQ	–	NS	–	–	NF
zephyrus Casey														
Genus STENUS Latreille														
Laestris Melsheimer														
(Subgenus "HEMISTENUS" Motschulsky)														
S. croceatus (Casey)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
S. kryzhanovskii Puthz*	–	–	NT	BC	AB	SK	–	–	–	–	–	–	–	–
S. niveus Fauvel*	AK	YK	NT	–	–	–	MB	–	–	–	–	–	–	–
vista Sanderson														
S. pubescens fraternus (Casey)	AK	YK	NT	BC	AB	SK	MB	ON	–	–	–	–	–	NF
S. pubescens sandersonianus Puthz	AK	YK	–	–	–	–	–	–	–	–	–	–	–	–
S. retrusus (Casey)	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
S. umbratilis (Casey)*	AK	YK	NT	BC	AB	–	MB	–	PQ	–	–	–	LB	NF
(Subgenus HYPOSTENUS Rey)														
(*Areus* Casey)														
S. advena (Casey)	–	–	NT	–	–	–	MB	ON	PQ	NB	NS	–	–	–
S. alexanderi Puthz*	–	–	–	BC	AB	–	MB	ON	PQ	–	–	–	–	NF
S. annularis Erichson	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	–
S. arculus Erichson	–	–	–	–	–	–	–	ON	–	NB	–	–	–	–
S. cubensis Bernhauer	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
S. dissentiens (Casey)	AK	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
hubbardi (Casey)														
leviceps (Casey)														
lucidus (Casey)														
politulus (Casey)														
politus Sanderson														
simiolus (Casey)														
S. flavicornis Erichson	–	–	–	BC	–	SK	MB	ON	PQ	NB	NS	–	–	–
geniculatus Say														
S. fulvicornis Stephens†	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
S. insperatus Puthz	–	–	–	–	–	–	MB	ON	PQ	NB	–	–	–	–
S. lugens (Casey)	–	–	–	–	–	–	–	–	–	NB	–	–	–	–
perbrevis L. Benick														
S. pinguis (Casey)	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–
trajectus (Casey)														
utensis (Casey)														
S. plicipennis (Casey)	AK	YK	NT	BC	AB	–	MB	–	–	–	–	–	–	–
agnatus (Casey)														
torus L. Benick														

S. pollens (Casey)	AK	–	NT	BC	AB	SK	MB	–	–	–	–	–	–	–
patens (Casey)														
S. punctatus Erichson	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
artus (Casey)														
dilutus (Casey)														
obsoletus (Casey)														
S. quebecensis Puthz	AK	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
S. reconditus breviusculus Puthz	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
S. reconditus reconditus (Casey)	AK	–	NT	BC	AB	–	MB	ON	PQ	NB	–	–	–	–
canadensis (Casey)														
propinquus (Casey)														
S. rossi Sanderson	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	NF
S. varipes (Casey)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
(Subgenus PARASTENUS Heyden)														
S. pterobrachys Gemminger & Harold	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
brevipennis Mäklin														
S. sibiricus J. Sahlberg*	AK	YK	NT	BC	AB	–	MB	ON	PQ	–	NS	–	LB	NF
alpicola Sanderson														
confusus Casey														
deductor (Casey)														
exasperatus L. Benick														
montanus Casey														
noctivagus Casey														
wenzeli Puthz														
(Subgenus STENUS s. str.)														
S. ageus Casey*	AK	YK	NT	–	AB	–	MB	ON	PQ	NB	NS	–	LB	NF
rigidus Casey														
S. alveolatus Casey	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
S. angustus Casey	–	–	–	–	–	–	MB	ON	PQ	NB	NS	–	–	NF
indigens Casey														
mendax Casey														
pettiti Casey														
placidus Casey														
tumicollis Casey														
S. assequens Rey*	AK	YK	NT	BC	AB	–	MB	ON	PQ	–	–	–	–	NF
nanulus Casey														
pusio Casey														
S. austini Casey	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	NS	–	LB	NF
amplificatus L. Benick														
S. bilentigatus Casey	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
murphyanus Bernhauer														
S. bilineatus J. Sahlberg*	AK	–	NT	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
corvus Casey														
tacomae Casey														
S. brivioi Puthz	AK	YK	NT	–	AB	SK	MB	ON	PQ	NB	NS	–	LB	NF
S. callosifrons Puthz	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
S. canaliculatus Gyllenhal*	AK	YK	NT	BC	AB	–	MB	ON	PQ	NB	NS	–	–	NF
congener Mäklin														
S. cariniceps Mäklin	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
S. carinicollis Casey	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	NF
S. caseyi Puthz	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
S. clarostigma Puthz	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
S. clavicornis (Scopoli)†	–	–	–	–	–	–	–	–	PQ	NB	–	–	–	–
S. colon Say	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
carolinus Bernhauer														
S. colonus Erichson	–	–	–	–	–	SK	MB	ON	PQ	NB	NS	PE	–	–
arizonae Casey														
championi Sharp														
chapini Blackwelder														
floridanus Casey														
inermis Sharp														
integer Casey														
interpres L. Benick														
militaris Casey														
obstrusus Casey														
suspectus Blatchley														
weiseri Bernhauer														
S. columbianus Sanderson	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

S. comma LeConte*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
punctiger Casey														
S. coriaceus Puthz*	AK	–	NT	–	–	–	–	–	–	–	–	–	–	–
S. dolosus Casey	AK	YK	NT	–	AB	SK	MB	ON	PQ	NB	–	–	–	–
jejunus Casey														
villosus Casey														
S. egenulus Puthz	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	–	–	LB	NF
S. egenus Erichson	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
S. ellipticus Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
S. erythropus Melsheimer	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
S. exploratus Fall*	AK	YK	–	BC	AB	–	–	–	–	–	–	–	–	–
incanoides Puthz														
S. fasciculatus J. Sahlberg*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	–	–	–	NF
S. femoratus Say	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
S. fulvoguttatus Notman	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
S. geminorum Puthz	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
S. hyperboreus J. Sahlberg*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	–	–	LB	–
falli Scheerpeltz														
frigidus Fall														
S. insularis Casey	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
S. intrusus Casey*	AK	YK	NT	–	–	SK	MB	ON	PQ	NB	NS	–	–	–
S. jacuticus Poppius*	–	–	NT	–	–	–	–	–	–	–	–	–	–	–
S. juno Paykull*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF
S. kamtschaticus Motschulsky*	AK	YK	–	–	–	–	–	–	–	–	–	–	–	–
aquilonius L. Benick														
S. koebelei Puthz	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
raniermontis Puthz														
S. labilis Erichson*	AK	YK	NT	–	–	–	–	–	–	–	–	–	–	–
S. laccophilus Casey	AK	–	NT	BC	AB	SK	MB	ON	PQ	NB	–	–	LB	–
anastamozans Casey														
edax Notman														
rugifer Casey														
verticosus Casey														
S. latipennis J. Sahlberg*	AK	YK	NT	–	–	–	–	–	–	–	–	–	–	–
S. latissimus hatchi Sanderson	AK	YK	–	BC	AB	–	–	–	–	–	–	–	–	–
S. lustrator Erichson†	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
S. mammops Casey*	AK	YK	NT	BC	AB	–	MB	ON	PQ	NB	NS	PE	LB	NF
humilis Blatchley														
rulomus Blackwelder														
S. maritimus Motschulsky	AK	–	–	BC	AB	–	–	–	–	–	–	–	–	–
S. melanarius Stephens*	AK	YK	NT	–	–	–	MB	ON	PQ	NB	–	–	–	NF
S. melanopus (Marsham)†	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
S. mendosus Puthz	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
S. morio Gravenhorst*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	–	–	–	–
dives Casey														
enodis Casey														
haplus Casey														
indistinctus Casey														
luculentus Casey														
subgriseus Casey														
terricola Casey														
S. mundulus Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
S. neglectus Casey	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
S. occidentalis Casey	AK	–	NT	BC	AB	SK	MB	–	–	–	–	–	–	–
S. parallelopipedus Mäklin	AK	–	–	BC	AB	–	–	–	–	–	–	–	–	–
adspector Mäklin														
animatus Casey														
convictor Casey														
S. paululus L. Benick	AK	YK	–	–	–	–	–	–	–	–	–	–	–	–
campbelli Puthz														
S. pauperculus Casey	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
brumalis Casey														
S. planatus Puthz	–	–	–	BC	–	–	–	ON	–	–	–	–	–	–
S. pluto Casey	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
S. pudicus Casey	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
enodis Casey														
juvencus Casey														
minor Casey														
sibyllinus L. Benick														
S. pumilio Erichson*	AK	YK	NT	–	–	–	MB	ON	PQ	–	–	–	–	–
atomarius Casey														

S. pusillimus Puthz	–	–	–	–	–	–	MB	ON	PQ	NB	NS	–	–	–
S. scabiosus Casey	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
S. schwarzi Casey	–	–	–	–	–	–	MB	ON	PQ	NB	NS	PE	–	–
S. scrupeus Casey	AK	–	NT	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
S. sculptilis Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
S. sectator Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
S. semicolon LeConte	AK	–	NT	BC	AB	SK	–	ON	PQ	NB	–	–	–	–
S. sordidus Puthz	–	–	NT	–	AB	–	MB	ON	PQ	–	–	–	–	NF
S. sphaerops Casey	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
S. strangulatus Casey	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
S. stygicus Say	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
S. tenuis Casey	–	–	–	–	AB	SK	–	ON	PQ	–	–	–	–	–
difficilis Casey														
eriensis Casey														
ingratus Casey														
inornatus Casey														
parallelus Casey														
pauper Casey														
subtilis Casey														
S. venustus Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
S. vespertinus Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
incultus Casey														
luctuosus Casey														
S. vexatus Casey	–	–	–	BC	AB	–	MB	–	–	–	–	–	–	–
S. vicinoides Puthz	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–
S. vicinus Casey	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
simplex Casey														
tricuspidatus L. Benick														
S. vinnulus Casey*	AK	YK	NT	–	AB	–	MB	ON	PQ	NB	NS	–	LB	–
confusoides Renkonen														
(Subgenus TESNUS Rey)														
(*Mutinus* Casey)														
S. californicus Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
S. curtus Casey	–	–	NT	–	AB	–	MB	ON	PQ	–	–	–	–	–
S. formicetorum Mannerheim*	–	YK	–	–	AB	–	MB	–	PQ	–	–	–	–	–
borealis Mäklin														
S. gratiosus Casey	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
hirsutus Casey														
S. immarginatus Mäklin*	AK	YK	NT	BC	AB	–	MB	–	PQ	NB	NS	–	–	–
monticola Casey														
variabilis Puthz														
S. tahoensis Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
pugetensis Casey														
vacuus Casey														

Subfamily EUAESTHETINAE

Genus NORDENSKIOELDIA J. Sahlberg
Key to species: Puthz (1974*a*)

N. columbiana Puthz	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus STICTOCRANIUS LeConte
Key to species: Puthz (1974*b*)

S. puncticeps LeConte	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Genus EUAESTHETUS Gravenhorst

E. americanus Erichson	AK	–	NT	–	AB	–	MB	ON	PQ	NB	NS	–	–	NF
E. brevipennis Casey	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
E. floridae Casey	–	–	–	–	–	–	–	–	–	–	NS	–	–	–
E. ganglbaueri Bernhauer	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
E. iripennis Casey	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
E. laeviusculus Mannerheim	AK	YK	NT	–	AB	SK	MB	ON	PQ	–	NS	–	–	–
E. pacificus Fall	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
E. pugetensis Hatch	–	–	–	BC	–	–	–	ON	PQ	NB	NS	–	–	–

Subfamily LEPTOTYPHLINAE

Genus CHIONOTYPHLUS Smetana														
C. alaskensis Smetana	AK	–	–	–	–	–	–	–	–	–	–	–	–	–

Subfamily PAEDERINAE

Key to genera: Blackwelder (1939*b*)

Tribe Pinophilini

Genus PALAMINUS Erichson														
P. luteus Casey	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Tribe Paederini

Subtribe Medonina

Genus LITHOCHARIS Dejean														
Metaxyodonta Casey														
(Subgenus PSEUDOMEDON Mulsant & Rey)														
(*Ramona* Casey)														
L. capitula (Casey)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
L. obsoleta (Nordmann)†	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
L. thoracica (Casey)	–	–	–	–	–	–	MB	ON	PQ	NB	–	–	–	–
clarescens (Casey)														
ruficollis (Casey)														
(Subgenus LITHOCHARIS s. str.)														
L. ochracea (Gravenhorst)†	–	–	–	BC	–	–	–	ON	PQ	NB	–	–	–	–
alutacea Casey														
quadricollis Casey														
Genus ACHENOMORPHUS Motschulsky														
(Subgenus ADEROCHARIS Sharp)														
A. corticinus (Gravenhorst)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
millepunctatus (Say)														
rufescens Nordmann														
Genus SUNIUS Curtis														
Medonella Casey														
Micromedon Casey														
Oligopterus Casey														
Xenocharis Bierig														
(Subgenus CALODERMA Casey)														
S. rugithorax Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
(Subgenus HYPOMEDON Mulsant & Rey)														
(*Asteria* Fauvel)														
(*Hemimedon* Casey)														
(*Lena* Casey)														
S. melanocephalus (Fabricius)†	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
S. peregrinus (Casey)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
discolor Casey														
S. quadripennis Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
(Subgenus TRACHYSECTUS Casey)														
S. confluentus (Say)	–	–	–	–	–	–	MB	ON	PQ	NB	NS	–	–	–
confluens Erichson														
Genus MEDON Stephens														
Oxymedon Casey														
(Subgenus MEDON s. str.)														
M. americanus Casey	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
M. fusculus (Mannerheim)†	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
M. guppyi Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

(Subgenus PLATYMEDON Casey)														
(*Paramedon* Casey)														
M. capitalis Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
M. convergens (Casey)	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
M. insularis Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
M. laticollis (Casey)	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
M. mcleodi Hatch	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
M. pugetensis Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
M. shastanicus (Casey)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
M. truncatus Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
M. vancouveri (Casey)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
borealis Casey														
(Subgenus MEDONODONTA Casey)														
M. ctenophorum Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Subtribe Scopaeina

Genus ORUS Casey														
(Subgenus PYCNORUS Casey)														
Key to North American species: Herman (1965)														
O. dentiger (LeConte)	AK	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
humilis (Notman)														
iowanus Casey														
(Subgenus ORUS s. str.)														
Key to North American species: Herman (1965)														
O. distinctus Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
O. punctatus Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
filius Casey														
pallidus Casey														
sonomae Casey														
Genus SCOPAEUS Erichson														
Leptorus Casey														
Pseudorus Casey														
(Subgenus SCOPAEOMA Casey)														
S. brunnipes LeConte	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
(Subgenus SCOPAEUS s. str.)														
S. notangulus Casey	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
(Subgenus SCOPAEOPSIS Casey)														
S. ventralis (Casey)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Subtribe Stilicina

Genus PACHYSTILICUS Casey														
P. hanhami (Wickham)	–	–	–	BC	AB	–	MB	–	–	NB	–	–	–	–
Genus RUGILUS Leach														
Stilicosoma Casey														
R. biarmatus (LeConte)	–	–	–	–	–	–	MB	ON	PQ	NB	–	–	–	–
abbreviellus Casey														
R. dentatus Say	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
luculentus Casey														
minusculus Casey														
nigrolucens Casey														
R. fragilis (Gravenhorst)†	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
angustatus (Fourcroy)														
scutellatus Motschulsky														
R. latiusculus (Casey)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
R. oregonus (Casey)	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
R. rufipes Germar†	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
Genus MEGASTILICUS Casey														
M. formicarius Casey	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Subtribe Lathrobiina

Genus LATHROBIUM Gravenhorst														
(Subgenus APTERALIUM Casey)														
L. sibiricum Fauvel*	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
(Subgenus ABLETOBIUM Casey)														
L. shermani Fall	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
(Subgenus LATHROBIUM s. str.) (*Litolathra* Casey)														
L. amplipenne Casey	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
deceptivum Casey														
L. armatum Say	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
procerum Casey														
L. confusum LeConte	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
L. divisum LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
L. fauveli Duvivier	–	–	–	–	AB	SK	MB	ON	PQ	NB	NS	PE	–	NF
simplex LeConte														
L. fulvipenne (Gravenhorst)†	–	–	–	BC	AB	–	–	–	–	–	–	–	–	NF
punctulatum Mannerheim														
L. hesperum (Casey)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
L. leconteanum Scheerpeltz	–	–	–	–	–	–	–	–	–	–	–	–	–	NF
concolor LeConte														
L. nigrolineum (Casey)	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
L. obtusum Casey	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
L. shoshonicum (Casey)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
L. simile LeConte	–	–	–	–	–	–	MB	ON	PQ	–	NS	–	–	–
L. sparsellum Casey	–	–	–	–	AB	–	MB	ON	PQ	NB	NS	–	–	–
L. spissicorne Casey	–	–	–	–	–	–	–	ON	PQ	–	–	PE	–	–
L. vancouveri Casey	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
L. washingtoni Casey	AK	–	NT	BC	AB	SK	MB	ON	PQ	–	NS	–	–	NF
(Subgenus LATHROBIOMA Casey)														
L. othioides LeConte	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
L. scolopaceum (Casey)	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
L. tenue LeConte	–	–	–	BC	–	–	MB	–	PQ	–	–	-	–	–
(Subgenus LATHROLEPTA Casey)														
L. debile LeConte	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
(Subgenus TETARTOPEUS Czwalina) (*Deratopeus* Casey) Key to North American species: Watrous (1980)														
L. angulare LeConte	–	–	–	–	–	–	–	–	PQ	NB	NS	–	–	–
nigrescens (Casey)														
semirubrum (Casey)														
L. convolutum Watrous	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
L. furvulum (Casey)	–	–	NT	–	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF
L. lacustre (Casey)	–	–	–	–	–	–	MB	ON	PQ	NB	NS	–	–	–
L. nigrum LeConte	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	NF
finitimum LeConte														
stibium (Casey)														
L. nitidulum LeConte	–	–	–	–	–	–	–	ON	–	NB	NS	–	–	NF
bicolor LeConte														
bicoloratum Bernhauer & Schubert														
parvipenne (Casey)														
L. punctulatum LeConte	AK	–	NT	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
capitosum (Casey)														
hebes Casey														
L. rubripenne (Casey)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
agitans (Casey)														
callidum (Casey)														
L. sollicitum Fall	AK	YK	–	–	AB	–	–	–	–	–	–	–	–	–
L. tetricum (Casey)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
canoaensis (Bierig)														
nigriceps Notman														
§														
L. puncticolle Kirby	–	–	–	–	–	–	MB	–	–	–	–	–	–	–

Genus LOBRATHIUM Mulsant & Rey														
(Subgenus EULATHROBIUM Casey)														
(Lathrotropis Casey)														
L. grande (LeConte)	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
L. subseriatum (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
ustulatum Casey														
(Subgenus LOBRATHIUM s. str.)														
(Lathrobiella Casey)														
(Lathrotaxis Casey)														
L. caseyianum (Scheerpeltz)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
bipartitum Casey														
L. collare (Erichson)	–	–	–	–	–	–	MB	ON	PQ	–	NS	–	–	–
L. coloradense Casey	AK	–	NT	BC	–	–	–	–	–	–	–	–	–	–
L. impressimum Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
L. longiusculum (Gravenhorst)†	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
L. multipunctum (Gravenhorst)†	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
L. rubricolle (Casey)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
L. sewardi (Fall)	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
(Subgenus PSEUDOLATHRA Casey)														
(Linolathra Casey)														
(Microlathra Casey)														
(Paralathra Casey)														
L. ambiguum (LeConte)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
L. dimidiatum (Say)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
horni Duvivier														
rufopartitum Fairmaire & Germain														
L. famelicum (Casey)	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
L. lineiforme (Casey)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
L. oregonense (Casey)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Subtribe Paederina

Genus PAEDERUS Fabricius														
Leucopaederus Casey														
Neopaederus Blackwelder														
Paederillus Casey														
P. littorarius Gravenhorst	–	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
pugetensis Casey														

Subtribe Cryptobiina

Genus HOMAEOTARSUS Hochhuth														
(Subgenus GASTROLOBIUM Casey)														
H. badius (Gravenhorst)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
H. bicolor (Gravenhorst)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
H. carolinus (Erichson)	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
(Subgenus HESPEROBIUM Casey)														
H. californicus (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
pacificus Casey														
vancouveri Casey														
H. cinctus (Say)	–	–	–	BC	AB	–	–	ON	PQ	–	NS	–	–	–
latebricola Nordmann														
H. cribratus (LeConte)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
H. pallipes (Gravenhorst)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
gravenhorsti Kirby														
H. sellatus (LeConte)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
Genus OCHTHEPHILUM Stephens														
(Subgenus OCHTHEPHILUM s. str.)														
(Cryptobium Mannerheim)														
O. fracticorne (Paykull)*	–	–	–	BC	–	–	–	ON	PQ	–	NS	–	–	–
brachelytratum Korge														
furcaticorne Grimmer														

Subtribe Astenina

Genus ASTENUS Dejean

A. americanus (Casey)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
A. binotatus (Say)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
A. brevipennis (Austin)	–	–	–	–	–	–	MB	ON	–	–	–	–	–	–
A. cinctus (Say)	–	–	–	BC	AB	–	–	–	PQ	–	–	–	–	–
A. discopunctatus (Say)	–	–	–	–	AB	–	–	ON	PQ	NB	–	–	–	–
centralis Austin														
A. linearis (Erichson)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
A. longiusculus (Mannerheim)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
(?) *trisignatus* Boheman														

Subfamily STAPHYLININAE
Tribe Philonthini

Genus NEOBISNIUS Ganglbauer

Key to New World species: Frank (1981)

N. jucundus (Horn)	–	–	–	BC	AB	–	–	ON	–	–	–	–	–	–
N. lathrobioides (Baudi)†	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
N. occidentoides Frank	–	–	–	–	AB	–	MB	–	–	–	–	–	–	–
N. senilis (Horn)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
N. sobrinus (Erichson)	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	NF
arduus (Sharp)														
ocreatus (Horn)														
simulator Smetana														
N. terminalis (LeConte)	–	–	–	–	–	–	–	–	PQ	–	NS	–	–	–
adustus (Sharp)														
delicatulus (Sharp)														
N. villosulus (Stephens)†	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
fulvicornis (Notman)														

Genus ERICHSONIUS Fauvel

Actobius Fauvel

Key to North American species: Frank (1975)

E. alumnus Frank	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
E. civicus Frank	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
E. fraterculus (Horn)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
E. inutilis (Horn)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
E. nanus (Horn)	AK	–	NT	BC	–	–	–	ON	PQ	NB	NS	–	–	NF
E. patella (Horn)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
E. pusio (Horn)	–	–	–	BC	–	–	–	ON	PQ	–	–	–	–	–
E. rosellus Frank	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Genus PHILONTHUS Curtis

P. aequalis Horn	–	–	–	–	–	–	–	–	–	–	–	–	–	–
P. agilis (Gravenhorst)†	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
niger Melsheimer														
P. albionicus Mannerheim	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. asper Horn	–	–	–	–	–	–	–	–	–	–	–	–	–	NF
P. aurulentus Horn	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. blandus (Gravenhorst)	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
paederinus Sachse														
pulchellus Melsheimer														
P. brunneus (Gravenhorst)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
brevis Melsheimer														
dimidiatus (Say)														
picatus Kirby														
P. bucephalus Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. carbonarius (Gravenhorst)†	AK	–	–	BC	–	–	–	ON	PQ	NB	NS	–	–	NF
varius (Gyllenhal)														
P. caurinus Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. cephalicus Casey	–	–	–	–	AB	–	MB	–	–	–	–	–	–	–
P. cephalotes (Gravenhorst)†	–	–	–	BC	–	–	MB	ON	PQ	–	NS	–	–	NF
P. chlorinus Tottenham	–	–	–	BC	–	–	–	–	–	–	NS	–	–	–
viridanus Horn														
P. cognatus Stephens†	–	–	–	BC	–	–	–	ON	PQ	–	NS	–	–	NF
fuscipennis (Mannerheim)														

P. concinnus (Gravenhorst)†	–	–	–	BC	AB	SK	MB	ON	PQ	–	NS	PE	–	NF
ochropus (Gravenhorst)														
P. confertoides Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. confertus LeConte	–	–	–	–	–	–	–	–	–	–	–	–	–	–
P. couleensis Hatch	–	–	–	–	–	–	–	–	–	–	NS	–	–	NF
P. crestonensis Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. crotchi Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. cruentatus (Gmelin)†	–	–	–	BC	AB	–	MB	ON	PQ	–	–	–	–	NF
P. cunctans Horn	–	–	–	–	–	–	–	–	–	–	NS	–	–	NF
P. cyanipennis (Fabricius)*	–	–	–	BC	AB	–	MB	ON	PQ	NB	NS	–	–	–
coeruleipennis (Mannerheim)														
P. debilis (Gravenhorst)†	–	–	–	BC	–	–	–	ON	PQ	–	–	–	–	NF
P. dimidiatus C.R. Sahlberg†	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
P. distans Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. duplicatus Bernhauer & Schubert	AK	YK	–	BC	AB	–	–	–	–	–	–	–	–	–
basalis Horn														
P. ferreipennis Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. fimetarius (Gravenhorst)†	–	–	–	–	–	–	–	–	–	–	–	–	–	NF
P. finitimus Casey	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
P. flavibasis Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. forcipatus Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. fraternus Fall	–	YK	–	–	–	–	–	–	–	–	–	–	–	–
P. furvus Nordmann	–	–	NT	BC	–	–	–	ON	PQ	NB	NS	–	LB	NF
californicus Mannerheim														
comptus Haldeman														
P. fusiformis Melsheimer	–	–	–	–	–	–	–	–	–	–	–	–	–	–
P. gaudens Tottenham	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. grandicollis Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. hepaticus Erichson	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
cinctulus Melsheimer														
(?) *nanus* Melsheimer														
varicolor Boheman														
P. hudsonicus Horn	AK	–	–	–	–	–	–	–	–	–	–	–	–	NF
P. hyperboreus alaskensis Smetana	AK	–	NT	–	–	–	–	–	–	–	–	–	–	–
P. instabilis Horn	–	YK	–	BC	AB	SK	MB	–	–	–	–	–	–	–
P. lacustrinus Scheerpeltz	–	–	NT	–	AB	SK	MB	ON	PQ	–	–	–	–	–
lacustris Casey														
P. lecontei Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. leechensis Hatch	AK	–	–	BC	–	–	–	–	–	–	–	–	LB	NF
P. lindrothi Smetana	–	–	–	–	–	–	–	–	–	–	NS	–	–	NF
P. lomatus Erichson	–	–	–	BC	–	–	–	ON	PQ	–	NS	–	–	NF
georgianus Sachse														
P. longicornis Stephens†	–	–	–	–	–	–	–	–	–	–	–	–	–	NF
P. micans (Gravenhorst)†	–	–	–	–	–	–	–	–	–	–	–	–	–	NF
P. neonatus Smetana	–	–	–	–	–	–	–	–	–	–	NS	–	–	–
P. nigritoides Smetana	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
P. occidentalis Horn	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
P. opacipennis Notman	–	–	–	–	–	–	–	–	–	–	NS	–	–	NF
P. palliatus (Gravenhorst)	–	–	–	–	–	–	–	–	–	–	NS	–	–	–
P. perforatus Fauvel	–	–	–	–	–	–	–	–	–	–	–	–	–	NF
P. perversus Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. pettiti Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. picicornis Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. politus (Linné)†	AK	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
harrisi Melsheimer														
mandibularis Kirby														
P. protervus Casey	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
P. puberulus Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. pubes Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. pumilio Casey	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
P. quadricollis Horn	–	–	–	BC	AB	–	–	–	PQ	–	–	–	–	–
P. quediinus Horn	–	–	–	–	AB	–	–	–	PQ	–	–	–	–	–
P. rainieri Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. rectangulus Sharp†	AK	–	–	BC	–	SK	MB	ON	PQ	–	–	–	–	NF
tetragonocephalus Notman														
P. sanguinolentus (Gravenhorst)†	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. septentrionis Fall	–	YK	–	–	–	–	–	–	–	–	–	–	–	–
P. sericinus Horn	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
P. siegwaldii Mannerheim	AK	–	–	BC	–	–	–	ON	PQ	–	–	–	LB	NF
P. sordidus (Gravenhorst)†	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
longipennis Provancher														
pachycephalus Nordman														

P. spiniformis Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. stacesmithi Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. stictus Hausen	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
P. subvirescens C.G. Thomson*	AK	YK	NT	BC	AB	–	–	–	PQ	–	–	–	–	–
P. theveneti Horn	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. triangulum Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. umbratilis (Gravenhorst)†	–	–	–	BC	–	–	–	–	–	NB	NS	–	–	–
P. umbrinus (Gravenhorst)	–	–	–	–	–	–	–	–	–	–	NS	–	–	–
P. varians (Paykull)†	–	–	NT	BC	–	–	–	ON	PQ	NB	–	–	–	NF
P. vulgatus Casey	AK	–	–	–	–	–	–	–	–	–	NS	–	–	–
Genus GABRONTHUS Tottenham														
G. thermarum (Aubé)†	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
Genus GABRIUS Stephens														
G. bidentatus (Horn)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
G. brevipennis (Horn)	AK	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
G. decipiens (Horn)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
G. downiei (Hatch)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
G. linearis (Casey)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
G. malkini (Hatch)	AK	–	–	–	–	–	–	–	–	–	–	–	–	NF
G. microphthalmus (Horn)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
G. nigritulus (Gravenhorst)†	–	–	–	BC	AB	–	MB	ON	PQ	–	–	–	–	–
pumilus Mannerheim														
G. oceanus (Hatch)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
G. ottawensis (Casey)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
G. picipennis (Mäklin)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	LB	NF
G. seattlensis (Hatch)	–	–	–	BC	–	–	–	–	–	–	–	–	–	NF
G. subnigritulus (Reitter)†	–	–	–	BC	–	–	–	–	PQ	–	–	–	–	NF
G. virilis (Horn)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
G. wawawai (Hatch)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Genus CAFIUS Stephens														
(Subgenus EUREMUS Bierig)														
C. bistriatus Erichson	–	–	–	–	–	–	–	–	–	NB	–	–	–	NF
bilineatus Erichson														
rufifrons Bierig														
C. luteipennis Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
(Subgenus BRYONOMUS Casey)														
C. canescens Mäklin	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. seminitens Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
(Subgenus REMUS Holme)														
C. femoralis Mäklin	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
mutatus Gemminger & Harold														
(Subgenus PSEUDOREMUS Koch)														
C. nudus johnsoni Fall	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Genus BELONUCHUS Nordmann														
B. rufipennis (Fabricius)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
formosus (Gravenhorst)														
pallipes Melsheimer														
Genus LAETULONTHUS Moore & Legner														
L. laetulus (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
Genus HESPERUS Fauvel														
H. apicialis (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
haematurus (Erichson)														

Tribe Staphylinini

Genus CREOPHILUS Samouelle														
Saprophilus Streubel														
C. maxillosus (Linné)†	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF
arcticus Erichson														
villosus (Gravenhorst)														
Genus ONTHOLESTES Ganglbauer														
O. cingulatus (Gravenhorst)	–	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	LB	NF
O. murinus (Linné)†	–	–	–	–	–	–	–	–	–	–	–	–	–	NF
Genus HADROTES Mäklin														
H. crassus (Mannerheim)	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
extensus LeConte														
Genus THINOPINUS LeConte														
Trichocanthus Motschulsky														
T. variegatus (Motschulsky)	?	–	–	BC	–	–	–	–	–	–	–	–	–	–
Genus PLATYDRACUS C.G. Thomson														
P. cinnamopterus (Gravenhorst)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
P. comes (LeConte)	–	–	–	–	–	–	–	–	?	–	–	–	–	–
P. exulans (Erichson)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
P. fossator (Gravenhorst)	–	–	–	–	–	–	MB	ON	PQ	NB	–	–	–	–
immaculatus (Horn)														
P. maculosus (Gravenhorst)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
erythropennis (Mannerheim)														
viduatus (Fabricius)														
P. mysticus (Erichson)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
P. rutilicauda (Horn)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. tarsalis (Mannerheim)	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
submetallicus (Mannerheim)														
P. tomentosus (Gravenhorst)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
P. violaceus (Gravenhorst)	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
cupripennis (Melsheimer)														
P. viridanus (Horn)	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
P. vulpinus (Nordmann)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
Genus STAPHYLINUS Linné														
S. aeneocephalus DeGeer†	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
S. ater Gravenhorst†	–	–	–	BC	–	–	–	ON	PQ	–	NS	–	–	NF
S. badipes LeConte	–	–	–	–	AB	SK	MB	ON	PQ	NB	NS	–	–	–
carbonatus LeConte														
S. capitatus Bland	–	–	–	BC	AB	–	–	ON	PQ	NB	–	–	–	NF
S. erythropterus Linné†	–	–	–	–	–	–	MB	ON	PQ	–	NS	–	–	–
S. melanarius Heer†	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
S. nigrellus Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
S. pleuralis LeConte	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
S. saphyrinus LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
S. winkleri Bernhauer†	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Tribe Xanthopygini

Genus TYMPANOPHORUS Nordmann														
Diaphoetes Waterhouse														
T. puncticollis (Erichson)	–	–	–	BC	AB	–	–	ON	PQ	NB	–	–	–	NF
borealis (Hatch)														

Tribe Quediini

Key to North American species: Smetana (1971)

Genus BEERIA Hatch														
B. nematocera (Casey)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus HETEROTHOPS Stephens

H. asperatus Smetana	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
H. carbonatus Fall	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
H. conformis Smetana	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
H. fraternus Smetana	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
H. fusculus LeConte	–	–	–	BC	AB	SK	MB	ON	PQ	–	NS	–	–	–
californicus LeConte														
fumigatus LeConte														
H. marmotae Smetana	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
H. minor Smetana	–	–	NT	BC	AB	–	MB	ON	PQ	–	NS	–	–	NF
H. pusio LeConte	–	–	–	BC	–	–	–	ON	PQ	–	–	–	–	–
H. sordidus Smetana	AK	–	NT	BC	–	–	–	–	–	–	–	–	–	–

Genus QUEDIUS Stephens

(Subgenus MEGAQUEDIUS Casey)

Q. explanatus LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Q. manitobensis (Casey)	–	–	–	–	AB	–	MB	–	–	–	–	–	–	–

(Subgenus MICROSAURUS Stephens)

(*Anastictodera* Casey)
(*Quediochrus* Casey)

Q. campbelli Smetana	–	–	–	–	–	SK	–	ON	PQ	–	–	–	–	–
Q. canadensis (Casey)	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
Q. caseyi caseyi Scheerpeltz	–	–	NT	–	AB	SK	MB	ON	PQ	–	–	–	–	–
curtipennis (Casey)														
Q. caseyi divergens (Casey)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
parvipennis Bernhauer														
uteanus (Casey)														
Q. charactus Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Q. crescenti Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Q. criddlei (Casey)	AK	YK	NT	BC	AB	SK	MB	–	–	–	–	–	–	–
hoodi Hatch														
Q. erythrogaster Mannerheim	–	–	–	BC	AB	SK	–	ON	PQ	–	–	–	–	–
neotomae Hatch														
Q. fulgidus (Fabricius)†	–	–	–	BC	–	–	MB	–	–	–	–	–	–	–
iracundus (Say)														
Q. griffinae Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Q. incisus Hatch	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
Q. limbifer Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Q. mesomelinus (Marsham)†	AK	–	–	BC	AB	–	MB	ON	PQ	–	NS	–	LB	NF
Q. mordax Smetana	–	YK	–	BC	AB	–	–	–	–	–	–	–	–	–
Q. pellax Smetana	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Q. peregrinus (Gravenhorst)	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
silvicola Casey														
Q. pullmani Hatch	AK	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–
Q. rainieri Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Q. spelaeus spelaeus Horn	–	–	–	BC	AB	SK	–	–	–	–	NS	–	–	–
quadriceps Casey														
Q. tahomae Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Q. terminatus Melsheimer	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
Q. velox Smetana	AK	–	–	BC	AB	–	–	–	–	–	–	–	–	–

(Subgenus QUEDIUS s. str.)

Q. curtipennis Bernhauer†	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
parallelus Hatch														
Q. horni Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Q. labradorensis insularis Smetana	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
Q. labradorensis labradorensis Smetana	AK	–	NT	BC	AB	SK	MB	ON	PQ	–	–	–	LB	NF
Q. lanei Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Q. laticollis (Gravenhorst)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
marginatus Korge														
neomolochinus Korge														
Q. molochinus (Gravenhorst)†	–	–	–	–	–	–	–	–	PQ	–	–	–	–	NF
nigribasis Korge														
Q. molochinoides molochinoides Smetana	AK	YK	–	BC	AB	–	–	ON	PQ	–	–	–	LB	NF

(Subgenus QUEDIONUCHUS Sharp)

Q. plagiatus Mannerheim*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	–	–	LB	NF

laevigatus (Gyllenhal)														
longipennis Mannerheim														
rufipennis Mäklin														
(Subgenus DISTICHALIUS Casey)														
Q. capucinus (Gravenhorst)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
ater (Ziegler)														
bardus Melsheimer														
inversus (Say)														
seeversi Korge														
Q. frater Smetana	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
Q. montivagus Smetana	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Q. nevadensis (Casey)	–	YK	–	BC	AB	–	–	–	–	–	–	–	–	–
Q. pediculus (Nordmann)	AK	–	–	BC	AB	–	–	–	–	–	–	–	–	–
Q. tetricus Smetana	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Q. transparens Motschulsky	AK	–	–	BC	AB	–	–	–	–	–	–	–	–	–
marginalis Mäklin														
pugetensis Hatch														
(Subgenus RAPHIRUS Stephens)														
(*Quediellus* Casey)														
Q. adnexus Smetana	–	–	–	–	–	–	–	–	–	–	–	–	–	NF
Q. aenescens Mäklin	AK	–	–	BC	AB	–	–	–	–	–	–	–	–	–
agnatus (Casey)														
Q. breviceps (Casey)	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
Q. brunnipennis Mannerheim	AK	YK	NT	BC	AB	–	–	ON	PQ	–	–	–	LB	NF
Q. densiventris (Casey)	AK	YK	–	BC	AB	–	–	–	PQ	–	–	–	–	NF
alutaceus Hatch														
bonapartei Hatch														
Q. elevatus Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Q. fellmani (Zetterstedt)	AK	YK	NT	BC	AB	SK	MB	–	PQ	–	–	–	LB	NF
hyperboreus Erichson														
Q. frigidus Smetana	AK	–	NT	–	AB	–	–	ON	–	–	–	–	–	NF
Q. fulvicollis (Stephens)*	AK	YK	–	BC	AB	–	MB	ON	PQ	–	–	–	LB	NF
pugetanus (Casey)														
raphiroides Hatch														
Q. impar Smetana	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
Q. nanulus (Casey)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
helenae (Casey)														
humilis (Casey)														
Q. oculeus (Casey)	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
sparsus (Casey)														
Q. prostans Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
rupimontis (Casey)														
Q. rusticus Smetana	–	–	–	BC	AB	–	MB	–	PQ	NB	–	–	–	–
Q. seriatus Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Q. simulator Smetana	AK	YK	NT	–	AB	SK	MB	ON	PQ	–	–	–	LB	–
Q. sublimbatus Mäklin*	AK	YK	NT	BC	AB	SK	MB	–	PQ	–	–	–	LB	NF
orbiceps (Casey)														
solitarius (Casey)														
Q. vilis Smetana	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
(Subgenus PARAQUEDIUS Casey)														
Q. puncticeps Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Genus HEMIQUEDIUS Horn														
H. ferox (LeConte)	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
Genus ANAQUEDIUS Casey														
A. vernix (LeConte)	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
Genus ACYLOPHORUS Nordmann														
(Subgenus AMACYLOPHORUS Smetana)														
A. pratensis LeConte	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	NF
(Subgenus ACYLOPHORUS s. str.)														
A. alternans Smetana	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
A. caseyi Leng	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
A. flavicollis Sachse	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
A. pronus Erichson	AK	–	NT	BC	–	–	MB	ON	PQ	NB	NS	–	–	NF

Subfamily XANTHOLININAE

Key to North American species: Smetana (1982)

Tribe Diochini

Genus DIOCHUS Erichson														
D. schaumi Kraatz	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
brevipennis Casey														
pallidiceps Casey														
thoracicus Casey														

Tribe Othiini

Genus ATRECUS Jacquelin du Val														
A. americanus (Casey)	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
A. macrocephalus (Nordmann)	AK	–	NT	BC	AB	–	–	ON	PQ	NB	NS	–	–	NF
A. quadripennis (Casey)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
Genus PAROTHIUS Casey														
P. californicus (Mannerheim)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. punctatus Smetana	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Tribe Xantholinini

Genus GAUROPTERUS C.G. Thomson														
G. fulgidus (Fabricius)†	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
Genus NUDOBIUS C.G. Thomson														
N. cephalus (Say)	AK	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
assimilis (Kirby)														
consentaneus (Nordmann)														
flavipennis (Nordmann)														
gilvipennis (Casey)														
kiesenwetteri (Sachse)														
nubipennis Casey														
palliatus (Melsheimer)														
N. pugetanus Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
corticallis Casey														
debilis Casey														
limbalis Casey														
Genus LEPTACINUS Erichson														
Leptacinodes Casey														
Xanthophius Motschulsky														
L. batychrus (Gyllenhal)†	–	–	–	BC	–	–	MB	ON	PQ	–	–	–	–	–
seriatus LeConte														
L. intermedius Donisthorpe†	–	–	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	NF
L. pusillus (Stephens)†	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
nigritulus LeConte														
Genus PHACOPHALLUS Coiffait														
P. parumpunctatus (Gyllenhal)†	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
cephalicus (LeConte)														
Genus STENISTODERUS Jacquelin du Val														
S. rubripennis (LeConte)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
Genus LITHOCHARODES Sharp														
Nematolinus Casey														
Oligolinus Casey														
L. longicollis (LeConte)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
Genus LINOHESPERUS Smetana														
L. borealis (Casey)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
L. cuspifer Smetana	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
L. subhamatus Smetana	–	–	–	–	AB	–	–	–	–	–	–	–	–	–

Genus STICTOLINUS Casey														
S. flavipes (LeConte)	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
scolopaceus Casey														
Genus HESPEROLINUS Casey														
Leiolinus Casey														
H. parcus (LeConte)	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
tarsalis (Casey)														
uteanus (Casey)														
Genus GYROHYPNUS Samouelle														
G. angustatus Stephens†	–	–	–	BC	–	–	–	ON	PQ	NB	NS	–	–	NF
G. campbelli Smetana	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
G. fracticornis (O.F. Müller)†	–	–	–	BC	AB	–	MB	ON	PQ	NB	NS	–	–	NF
obsidianus (Melsheimer)														
Genus NEOHYPNUS Coiffait & Saiz														
N. beckeri Smetana	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
N. emmesus (Gravenhorst)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
luteiventris (Casey)														
sanguinolentus (Melsheimer)														
N. fragilis (Casey)	–	–	–	BC	–	–	–	ON	–	–	–	–	–	–
N. hamatus (Say)	–	–	NT	BC	AB	SK	MB	ON	PQ	–	NS	–	–	–
macilentus (Casey)														
N. lineatus (Wendeler)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
linearis (Blatchley)														
N. melanops (Casey)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
N. monstrosus Smetana	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
N. obscurus (Erichson)	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
oregonus (Casey)														
protractus (Casey)														
N. picipennis (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Genus OXYBLEPTES Smetana														
O. kiteleyi Smetana	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
Genus XANTHOLINUS Dejean														
X. linearis (Olivier)†	–	–	–	BC	–	–	–	–	–	–	NS	–	–	–
Genus HYPNOGYRA Casey														
H. gularis (LeConte)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
vernicata Casey														
Genus XESTOLINUS Casey														
X. abdominalis Casey	–	–	–	–	–	SK	MB	ON	PQ	–	–	–	–	–
frontalis Hatch														
indianensis Blatchley														
oviceps Casey														

Family SCAPHIDIIDAE shining fungus beetles

J.M. Campbell

Scaphidiidae is a small family of fungus-feeding beetles that comprises over 1200 species around the world, but only about 50 species occur in North America; of these, 17 are recorded in Canada and Alaska. Most species are found in fungi, but some live in rotting wood, leaf litter, and under bark.

Although many recent authors (Lawrence 1982*a*; Lawrence and Newton 1982) have placed the scaphidiids in the Staphylinidae family, there is no consensus among researchers on their proper placement. The family Scaphidiidae is poorly known in North America, and species recognition of most Canadian taxa is not possible. Casey (1893, 1900) has completed the most recent revision of the North American shining fungus beetles.

AK (1); YK (1); NT (1); BC (4); AB (1); SK (2); MB (3); ON (13); PQ (10); NF (1)

Tribe Scaphidiini

Genus SCAPHIUM Kirby														
S. castanipes Kirby	AK	YK	NT	BC	AB	–	MB	ON	PQ	–	–	–	–	–
Genus SCAPHIDIUM Olivier														
S. obliteratum LeConte	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
S. piceum Melsheimer	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
S. quadriguttatum Say	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
quadrinotatum Castelnau														
quadripustulatum Say														

Tribe Scaphisomini

Genus SCAPHISOMA Leach														
S. castaneum Motschulsky	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
S. convexum Say	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
S. lacustris Casey	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
S. repandum Casey	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
S. rubens Casey	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
Genus TOXIDIUM LeConte														
T. compressum Zimmermann	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
T. gammaroides LeConte	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
Genus BAEOCERA Erichson														
Eubaeocera Cornell														
Key to North American species: Cornell (1967)														
B. apicalis LeConte	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
distincta (Blatchley)														
B. congenera Casey	–	–	–	BC	–	SK	MB	ON	PQ	–	–	–	–	–
speculifera Casey														
B. deflexa Casey	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
B. falsata Achard	–	–	–	–	–	SK	–	ON	PQ	–	–	–	–	NF
concolor auct.														
youngi (Cornell)														
B. humeralis Fall	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
B. nana Casey	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
rubriventris Casey														

Family PSELAPHIDAE short-winged mold beetles

A. Davies

Eighty-five species of Pselaphidae are recorded in Canada and Alaska; however, the members of this family have been poorly collected because of their minute size and the obscurity of their habitats. They are found chiefly in moist habitats, including the edges of bogs and marshes, under bark of dead trees, and especially in leaf litter and rotten wood; a few are myrmecophilous. Adults of most Pselaphidae are predatory on small invertebrates such as nematodes, mites, and collembolans; the larvae are seldom seen, and their habits are equally unknown.

Jeannel (1955) divided Pselaphidae into six subfamilies, all of which are represented in Canada. J.L. LeConte, E. Brendel, and T.L. Casey described most North American species in the mid to late nineteenth century; their work was subsequently brought together by Bowman (1934). The present arrangement of the supraspecific taxa is based on the recent world catalog of genera by Newton and Chandler (1989). Chandler (1990*a*) also published a key to the North American genera.

AK (10); YK (1); NT (3); BC (23); AB (16); SK (9); MB (16); ON (56); PQ (38); NB (15); NS (11); PE (2); LB (1); NF (3) • I (2)

Subfamily FARONINAE
Tribe Faronini

Genus MEGARAFONUS Casey
Key to North American species: Schuster and Marsh (1958)

(Subgenus MEGARAFONUS s. str.)

M. ventralis Casey	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus SONOMA Casey
Rafonus Casey
Key to North American species: Marsh and Schuster (1962)

S. margemina Park & Wagner	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
S. parviceps (Mäklin)	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–

Subfamily EUPLECTINAE
Tribe Trogastrini

Genus CONOPLECTUS Brendel
Hexirhexius Grigarick & Schuster
Prorhexius Raffray

C. canaliculatus (LeConte)	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
sylvaticus (Raffray)														

Genus OROPUS Casey
Key to North American species: Schuster & Grigarick (1960)

O. striatus Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus TETRASCAPHA Schuster & Marsh

T. dentata Park & Wagner	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus FOVEOSCAPHA Park & Wagner

F. terracola Park & Wagner	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Tribe Euplectini

Genus THESIUM Casey
Apothinus Sharp

T. cavifrons (LeConte)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Genus EUPLECTUS Leach
Key to North American species: Wagner (1975)

E. acomanus Casey	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
E. confluens LeConte	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
E. duryi Casey	–	–	–	–	–	–	–	–	PQ	NB	NS	–	–	–
barri Park & Wagner														
E. elongatus Brendel	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
E. karsteni (Reichenbach)†	–	–	–	–	–	SK	–	ON	PQ	–	–	PE	–	–
iowensis Casey														
E. longicollis Casey	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
E. signatus (Reichenbach)†	–	–	–	–	–	SK	MB	ON	PQ	–	–	–	–	–
E. silvicolus Chandler	–	–	–	–	–	–	–	–	–	–	NS	–	–	–

Genus PYCNOPLECTUS Casey
Key to North American species: Wagner (1975)

P. congener (Casey)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
tenellus Casey														
P. interruptus (LeConte)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
hudsonicus (Casey)														
P. linearis (LeConte)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
impressiceps (Casey)														

Genus RAMECIA Casey
Liniolis Grigarick & Schuster

R. crinitus (Brendel)	–	–	–	–	–	–	–	–	PQ	–	NS	–	–	–

Genus TRIMIOPLECTUS Brendel														
Key to North American species: Chandler (1990*b*)														
T. obsoletus Brendel	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
Genus BIBLOPLECTUS Reitter														
Key to North American species: Chandler (1990*b*)														
B. integer (LeConte)	–	–	–	–	–	–	MB	ON	PQ	NB	NS	–	–	–
B. ruficeps (LeConte)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
Genus ACTIUM Casey														
Proplectus Raffray														
Key to North American species: Grigarick and Schuster (1971)														
A. barri Park & Wagner	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
A. retractum Casey	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
hatchi Park & Wagner														
A. wawonaensis Grigarick & Schuster	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Genus ACTIASTES Casey														
Key to North American species: Grigarick and Schuster (1971)														
A. foveicollis (LeConte)	–	–	–	BC	–	–	–	ON	PQ	–	–	–	–	–
costalis (Brendel)														
pennsylvanicus (Bowman)														
A. globiferum (LeConte)	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
blandum (Casey)														
Genus ACTIZONA Chandler														
A. borealis Chandler	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
Genus CUPILA Casey														
Key to North American species: Grigarick and Schuster (1968)														
(Subgenus CUPILA s. str.)														
C. clavicornis (Mäklin)	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
Genus MELBA Casey														
Key to eastern North American species: Chandler (1990*b*)														
(Subgenus MELBA s. str.)														
M. parvula (LeConte)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Subfamily BATRISINAE
Tribe Batrisini

Genus BATRISODES Reitter														
Key to western North American species: Grigarick and Schuster (1962)														
Key to eastern North American species: Park (1947)														
(Subgenus BABNORMODES Park)														
B. riparius (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
(Subgenus EMPINODES Park)														
B. albionicus (Aubé)	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
B. denticauda (Casey)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
(Subgenus EXCAVODES Park)														
B. frontalis (LeConte)	–	–	–	–	AB	–	MB	ON	PQ	–	–	–	–	–
B. globosus (LeConte)	–	–	–	–	AB	–	–	ON	PQ	NB	NS	–	–	–
B. scabriceps (LeConte)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
harringtoni (Casey)														
B. sinuatifrons (Brendel)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
(Subgenus PUBIMODES Park)														
B. striatus (LeConte)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
aterrimus (Casey)														
cephalotes (Casey)														
psotai Park														
simplex (LeConte)														

Subfamily GONIACERINAE
Tribe Bythinini

Genus MACHAERODES Brendel

M. carinatus (Brendel)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Genus TYCHOBYTHINUS Ganglbauer
Bythinopsis Raffray

T. bythinioides (Brendel)	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–

Tribe Brachyglutini

Genus RYBAXIS Saulcy
Bryaxis Leach

R. clavata (Brendel)	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
brendeli (LeConte)														
R. conjuncta (LeConte)	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
R. mystica Casey	–	–	–	–	AB	–	MB	ON	PQ	NB	NS	–	–	–
R. transversa Fall	AK	–	NT	–	AB	SK	MB	ON	PQ	NB	–	–	–	NF
R. varicornis (Brendel)	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–

Genus BRACHYGLUTA Thomson
Nisa Casey

B. arguta (Casey)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
B. terebrata (Casey)	–	–	–	–	–	SK	–	ON	PQ	–	–	–	–	–
intricata (Casey)														
perforata (Brendel)														

Genus REICHENBACHIA Leach
Key to western North American species: Grigarick and Schuster (1967)

R. albionica (Motschulsky)	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
americana Raffray														
compar (LeConte)														
franciscana Casey														
fundata Casey														
R. arcifera Casey	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
R. binodifera Casey	AK	–	–	BC	AB	–	–	–	–	–	–	–	–	–
R. borealis Casey	–	–	–	–	AB	–	MB	ON	PQ	NB	–	PE	–	–
R. canadensis (Brendel)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
R. congener (Brendel)	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
R. corporalis Casey	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
R. cylindrarta (Brendel)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
R. distans Casey	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
R. facilis Casey	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
R. fusticornis Casey	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
R. kapones Grigarick & Schuster	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
R. peregrinator Casey	–	–	–	–	–	–	MB	ON	–	–	–	–	–	–
R. propinqua (LeConte)	–	–	–	–	–	–	MB	ON	PQ	NB	NS	–	–	–
R. rubicunda (Aubé)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
R. scabra (Brendel)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
R. spatulifer Casey	–	YK	–	BC	AB	SK	MB	ON	PQ	NB	–	–	LB	NF

Genus NISAXIS Casey

N. tomentosa (Aubé)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
cincinnata Casey														
minuta (Brendel)														

Genus EUTRICHITES LeConte

E. zonatus (Brendel)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
zimmermanni LeConte														

Genus DECARTHRON Brendel
Key to eastern North American species: Park (1958)

(Subgenus DECARTHRON s. str.)

D. abnorme (LeConte)	–	–	NT	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
D. formiceti (LeConte)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
D. inusitatum Park	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–

D. laurenticum Casey	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
D. longulum (LeConte)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
D. scarificatum Brendel	–	–	–	–	–	–	–	–	–	–	–	–	–	–
D. stigmosum Brendel	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Tribe Tychini

Genus LUCIFOTYCHUS Park & Wagner
Key to western North American species: Park and Wagner (1962)
Key to eastern North American species: Park (1956)

L. cognatus (LeConte)	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
L. testaceus (Casey)	–	–	–	–	–	–	MB	ON	PQ	NB	–	–	–	NF

Subfamily PSELAPHINAE
Tribe Pselaphini

Genus PSELAPHUS Herbst

(Subgenus PSELAPHUS s. str.)

P. bellax Casey	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	–
P. erichsoni LeConte	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
P. fustifer Casey	–	–	–	–	AB	–	MB	ON	PQ	NB	NS	–	–	–

Tribe Tyrini

Genus TYRUS Aubé
Pytna **Casey**

T. corticinus (Casey)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
T. humeralis (Aubé)	–	–	NT	–	–	–	MB	ON	PQ	NB	–	–	–	–
compar **LeConte**														

Genus CEDIUS LeConte
Key to North American species: Park (1949)

(Subgenus SINISTROCEDIUS Park)

C. ziegleri LeConte	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Tribe Ceophyllini

Genus CEOPHYLLUS LeConte

C. monilis LeConte	–	–	–	–	–	–	MB	ON	–	–	–	–	–	–

Tribe Tmesiphorini

Genus TMESIPHORUS LeConte

T. costalis LeConte	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Tribe Ctenistini

Genus PILOPIUS Casey

P. piceus (LeConte)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
lacustris **Casey**														
saginatus **Casey**														

Subfamily CLAVIGERINAE
Tribe Adranini

Genus ADRANES LeConte

A. lecontei Brendel	–	–	–	–	AB	SK	MB	ON	–	–	–	–	–	–
A. taylori Wickham	–	–	–	BC	–	SK	–	–	–	–	–	–	–	–

Superfamily Hydrophiloidea

Family HYDROPHILIDAE water scavenger beetles

R.E. Roughley

Hydrophilidae forms a large family of mostly aquatic beetles; 149 species are known within the Canadian and Alaskan borders. The family can be divided into two biologically different groups: one aquatic and the other terrestrial. The aquatic species occur in a wide range of habitats, but most prefer shallow standing water. The terrestrial species (subfamily Sphaeridiinae) live in most kinds of decaying organic matter. Adults of most species, both aquatic and terrestrial, are scavengers.

Smetana (1988) has recently revised the taxonomy of the Canadian species, and his contribution was used as the basis for this checklist.

AK (24); YK (20); NT (36); BC (81); AB (65); SK (52); MB (64); ON (92); PQ (86); NB (38); NS (38); PE (2); LB (5); NF (24) • H (11); I (18)

Subfamily HYDROCHINAE

Genus HYDROCHUS Leach

H. brevitarsis Knisch	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
H. currani W.J. Brown	–	–	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
H. granulatus Blatchley	–	–	–	BC	–	–	MB	ON	PQ	–	–	–	–	–
ouelleti Leech														
H. neosquamifer Hellman	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
H. pseudosquamifer D.C. Miller	–	–	–	BC	–	SK	MB	ON	PQ	–	–	–	–	–
H. scabratus Mulsant	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
gibbosus Melsheimer														
H. squamifer LeConte	–	–	–	BC	AB	SK	MB	ON	PQ	NB	–	–	–	–
laticollis Notman														
H. subcupreus Randall	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–

Subfamily HELOPHORINAE

Key to North American species: Smetana (1985*a*)

Genus HELOPHORUS Fabricius

(Subgenus HELOPHORUS s. str.)														
H. grandis Illiger†	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
(Subgenus RHOPALELOPHORUS Kuwert)														
H. angusticollis d'Orchymont	–	–	–	–	–	SK	MB	ON	PQ	NB	NS	–	–	NF
H. auricollis Eschscholtz*	AK	YK	–	BC	–	–	–	–	PQ	–	–	–	–	NF
angustulus Mannerheim														
consimilis Mannerheim														
inquinatus Mannerheim														
H. browni Angus*	AK	YK	NT	–	–	–	–	–	–	–	–	–	–	–
H. columbianus McCorkle	–	–	NT	BC	AB	SK	MB	–	–	–	–	–	–	–
H. electus d'Orchymont	–	–	NT	–	AB	SK	MB	–	–	–	–	–	–	–
carri d'Orchymont														
H. frosti Smetana	–	–	–	–	–	–	–	–	PQ	NB	–	–	–	–
H. furius Smetana	–	–	NT	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
frater Smetana														
H. inflectus McCorkle	–	–	–	BC	–	–	MB	ON	PQ	–	–	–	–	–
H. lacustris LeConte	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	LB	NF
H. ledatus d'Orchymont	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
H. leechi McCorkle	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–
H. linearis LeConte	–	–	–	–	AB	–	–	ON	–	–	–	–	–	–
oblitus Sharp														
pallens Casey														
H. linearoides d'Orchymont	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–
H. lineatus Say	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
obsoletesulcatus Motschulsky														
ventralis Motschulsky														
H. marginicollis Smetana	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
H. nitiduloides d'Orchymont	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	–	–	–	NF

H. nitidulus LeConte	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–
gregalis d'Orchymont														
H. oblongus LeConte*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
H. orchymonti Smetana	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
H. orientalis Motschulsky*	–	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	–
H. parasplendidus parasplendidus Angus	–	YK	NT	–	–	–	MB	–	–	–	–	–	–	–
H. sempervarians Angus	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	LB	NF
H. splendidus J. Sahlberg*	–	YK	NT	–	–	–	–	–	–	–	–	–	–	–

(Subgenus GEPHELOPHORUS Sharp)

H. sibiricus (Motschulsky)*	AK	YK	NT	–	–	–	–	–	–	–	–	–	–	–

(Subgenus CYPHELOPHORUS Kuwert)

H. tuberculatus Gyllenhal*	AK	YK	–	BC	AB	SK	MB	ON	PQ	–	NS	–	–	–
scaber LeConte														

(Subgenus ORPHELOPHORUS d'Orchymont)

H. arcticus W.J. Brown*	–	–	NT	–	–	–	MB	ON	–	–	–	–	LB	?

Subfamily BEROSINAE

Genus BEROSUS Leach
Enoplurus Hope

B. fraternus LeConte	–	–	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
californicus Motschulsky														
B. hatchi D.C. Miller	–	–	NT	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
B. maculosus Mannerheim	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
tesselatus Motschulsky														
B. oregonensis D.C. Miller	–	–	–	–	AB	SK	–	–	–	–	–	–	–	–
B. peregrinus (Herbst)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
auritus Melsheimer														
immaculatus Zimmermann														
subsignatus LeConte														
B. striatus (Say)	–	–	NT	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
B. stylifer Horn	–	–	–	–	AB	–	–	ON	–	–	–	–	–	–
falcatus Sharp														

Subfamily CHAETARTHRIINAE

Genus CHAETARTHRIA Stephens
Key to northwestern species: Miller (1974)

C. atra (LeConte)	–	–	–	–	–	–	–	–	PQ	–	NS	–	–	–
C. nigrella (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. pallida (LeConte)	–	–	–	–	–	SK	–	?	?	–	–	–	–	–
nigriceps (LeConte)														

Subfamily HYDROBIINAE
Tribe Hydrobiini

Genus LACCOBIUS Erichson
Key to Canadian species: Gentili (1985)

L. agilis (Randall)	–	–	NT	BC	AB	–	MB	ON	PQ	NB	–	–	–	NF
L. borealis Cheary	AK	YK	NT	BC	AB	–	–	ON	–	–	–	–	–	–
L. carri d'Orchymont	–	–	–	–	AB	SK	–	ON	–	–	–	–	–	–
pacificus D.C. Miller														
L. cinereus columbianus D.C. Miller	AK	YK	NT	BC	AB	SK	MB	–	PQ	–	–	–	–	–
L. minutoides d'Orchymont	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
L. reflexipenis Cheary	–	–	NT	–	–	–	MB	ON	PQ	NB	NS	–	–	–
reflexipenis Malcolm														
L. spangleri Cheary	–	–	–	–	–	SK	MB	ON	PQ	NB	–	–	–	NF
spangleri Malcolm														
L. teneralis Cheary	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
L. truncatipenis D.C. Miller	–	–	NT	–	AB	SK	MB	ON	–	–	–	–	–	–

Genus HYDROBIUS Leach

H. fuscipes (Linné)*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	LB	NF
H. melaenus (Germar)	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
globosus (Say)														
Genus SPERCHOPSIS LeConte														
S. tessellata (Ziegler)	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
Genus AMETOR Semenov														
A. latus (Horn)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. scabrosus (Horn)	AK	–	–	BC	AB	–	–	–	–	–	–	–	–	–
Genus PARACYMUS C.G. Thomson														
P. confusus Wooldridge	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. despectus (LeConte)	–	–	–	–	AB	SK	MB	ON	PQ	–	–	–	–	–
P. subcupreus (Say)	–	YK	NT	BC	AB	SK	MB	ON	PQ	NB	–	–	–	–
P. tarsalis D.C. Miller	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Genus CRENITIS Bedel														
Creniphilus Horn														
C. alticola (Fall)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. digesta (LeConte)	–	–	–	–	AB	SK	MB	ON	PQ	NB	NS	–	–	–
C. maculifrons W.J. Brown	–	YK	–	BC	AB	–	–	–	–	–	–	–	–	–
C. malkini D.C. Miller	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
C. monticola (Horn)	–	–	–	–	–	–	–	–	PQ	–	NS	–	–	–
C. morata (Horn)	AK	YK	NT	BC	AB	–	–	–	PQ	–	–	–	–	NF
C. paradigma (d'Orchymont)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
paracymoides (d'Orchymont)														
C. rufiventris (Horn)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. snoqualmie D.C. Miller	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Genus ANACAENA C.G. Thomson														
Crenitulus Winters														
A. limbata (Fabricius)†	–	–	–	BC	AB	SK	MB	ON	PQ	–	NS	–	–	NF

Tribe Helocharini

Genus ENOCHRUS C.G. Thomson														
Key to North American species: Gundersen (1978)														
(Subgenus ENOCHRUS s. str.)														
E. piceus piceus D.C. Miller	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
carinatus (Horn)														
(Subgenus METHYDRUS Rey)														
E. blatchleyi (Fall)	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
E. californicus (Horn)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
E. cinctus (Say)	–	–	–	–	–	SK	MB	ON	PQ	NB	–	–	–	–
limbalis (Melsheimer)														
E. consors (LeConte)	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
E. consortus Green	–	–	–	–	–	–	MB	ON	–	–	–	–	–	–
E. ochraceus (Melsheimer)	–	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
lacustris (LeConte)														
simplex (LeConte)														
E. perplexus (LeConte)	–	–	–	–	–	–	MB	ON	PQ	–	NS	–	–	–
fimbriatus (Melsheimer)														
E. pygmaeus nebulosus (Say)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
E. sayi Gundersen	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
(Subgenus LUMETUS Zaitsev)														
E. diffusus (LeConte)	–	–	NT	BC	AB	SK	MB	ON	–	–	–	–	–	–
E. hamiltoni (Horn)	–	–	NT	BC	AB	–	MB	ON	PQ	–	NS	–	–	NF
collinus W.J. Brown														
conjunctus (Fall)														
horni Leech														
lividus (Walker)														
pacificus Leech														
pyretus Leech														

E. reflexipennis (Zimmermann) *angustulus* (Casey)	–	–	–	–	–	–	–	–	PQ	NB	NS	–	–	–

Genus CYMBIODYTA Bedel
Key to species: Smetana (1974)

C. acuminata Fall	–	YK	NT	BC	AB	SK	MB	ON	PQ	–	NS	–	–	–
C. blanchardi Horn	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
C. chamberlaini Smetana	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
C. columbiana Leech	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. minima Notman	–	–	–	BC	–	–	MB	ON	PQ	–	–	–	–	–
C. pacifica Leech *hatchi* D.C. Miller	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. semistriata (Zimmermann)	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
C. toddi Spangler	–	–	–	–	–	–	MB	ON	–	–	–	–	–	–
C. vindicata Fall	–	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	LB	NF

Genus HELOCOMBUS Horn

H. bifidus (LeConte)	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–

Subfamily HYDROPHILINAE

Genus TROPISTERNUS Solier

T. columbianus W.J. Brown	–	–	–	BC	AB	SK	–	ON	–	–	–	–	–	–
T. ellipticus (LeConte) *affinis* Motschulsky *concolor* Sharp	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
T. glaber (Herbst)	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
T. lateralis humeralis Motschulsky	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
T. lateralis marginatus Motschulsky *binotatus* Walker *limbalis* (LeConte)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
T. lateralis nimbatus (Say)	–	–	–	–	AB	–	MB	ON	PQ	–	NS	–	–	–
T. mixtus (LeConte)	–	–	–	–	–	–	MB	ON	PQ	–	NS	–	–	–
T. natator d'Orchymont	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Genus HYDROPHILUS O.F. Müller

H. triangularis Say *subsulcatus* LeConte	–	–	–	BC	AB	SK	–	ON	PQ	–	–	–	–	–

Genus DIBOLOCELUS Bedel

D. ovatus (Gemminger & Harold) *ovalis* (Ziegler)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Genus HYDROCHARA Berthold
Key to species: Smetana (1980)

H. brevipalpis Smetana	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
H. obtusata (Say)	–	–	NT	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
H. simula Hilsenhoff & Tracy	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Subfamily SPHAERIDIINAE
Tribe Sphaeridiini
Key to North American species: Smetana (1978)

Genus PHAENONOTUM Sharp

P. exstriatum (Say) *dubium* Sharp *semiglobosum* (Zimmermann)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Genus SPHAERIDIUM Fabricius

S. bipustulatum Fabricius†	–	–	–	BC	AB	SK	–	ON	PQ	NB	NS	–	–	–
S. lunatum Fabricius†	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
S. scarabaeoides (Linné)† *crenatum* Palisot de Beauvois	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	NF

Tribe Cercyonini

Genus CERCYON Leach														
(Subgenus PROSTERCYON Smetana)														
C. roseni Knisch *opacellus* Fall	–	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	–
(Subgenus CERCYON s. str.)														
C. adumbratus Mannerheim *unicolor* (Motschulsky)	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. assecla Smetana	–	–	–	–	AB	–	–	ON	PQ	NB	NS	–	–	–
C. atricapillus (Marsham)† *mundus* Melsheimer	–	–	–	–	AB	–	–	–	PQ	–	NS	–	–	–
C. cinctus Smetana	–	–	NT	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
C. connivens Fall	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
C. erraticus Smetana	–	–	–	BC	–	–	MB	ON	PQ	–	–	–	–	–
C. fimbriatus Mannerheim	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. haemorrhoidalis (Fabricius)† *basillaris* Notman *nigricollis* (Say)	–	–	–	BC	–	–	–	ON	PQ	NB	NS	PE	–	NF
C. herceus frigidus Smetana	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
C. herceus herceus Smetana	–	–	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
C. impressus (Sturm)†	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. indistinctus Horn	–	–	–	–	–	–	–	–	PQ	NB	–	–	–	–
C. lateralis (Marsham)† *incrematus* Notman	–	–	NT	BC	AB	–	–	ON	PQ	NB	NS	–	–	NF
C. limbatus Mannerheim *fulvipennis* Mannerheim	AK	YK	NT	BC	AB	–	–	–	–	–	–	–	–	–
C. litoralis (Gyllenhal)*	–	–	–	–	–	–	–	–	PQ	NB	NS	–	–	NF
C. luniger Mannerheim	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. marinus C.G. Thomson*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
C. matthewsi Smetana	AK	–	–	–	AB	–	–	–	–	–	–	–	–	–
C. mendax Smetana	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
C. nevadanus Knisch	–	–	–	–	–	–	–	–	–	–	–	–	–	–
C. praetextatus (Say) *testaceus* Blatchley	–	–	–	–	–	–	MB	ON	PQ	–	NS	–	–	–
C. pygmaeus (Illiger)† *apicalis* (Say)	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
C. quisquilius (Linné)†	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
C. terminatus (Marsham)† *nanus* Melsheimer	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
C. tolfino Hatch	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. unipunctatus (Linné)†	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	–
(Subgenus DICYRTOCERCYON Ganglbauer)														
C. ustulatus (Preyssler)†	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
(Subgenus PARACERCYON Seidlitz)														
C. analis (Paykull)† *falli* Winters *maculatus* Melsheimer	–	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
C. minusculus Melsheimer	–	–	–	BC	–	SK	MB	ON	PQ	NB	–	–	–	NF
Genus TECTOSTERNUM Balfour-Browne *Genyon* Smetana														
T. naviculare (Zimmermann)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
Genus DELTOSTETHUS Sharp *Ictinosternum* Smetana														
D. columbiensis (Hatch)	–	–	–	?	–	–	–	–	–	–	–	–	–	–

Tribe Megasternini

Genus MEGASTERNUM Mulsant														
M. obscurum (Marsham)†	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
M. posticatum (Mannerheim) *pugetense* Hatch	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus CRYPTOPLEURUM Mulsant

C. minutum (Fabricius)†	–	–	–	BC	AB	–	MB	ON	PQ	NB	NS	PE	–	NF
C. subtile Sharp†	–	–	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	NF

Family GEORYSSIDAE minute mud-loving beetles

R.E. Roughley

Georyssidae includes minute beetles, usually under 2 mm long; two species are known for the Nearctic region, one of which occurs in Canada. Adults are found in mud or sand at the edges of streams and are often concealed by sand grains or mud attached to the body; they are apparently algal feeders.

BC (1); AB (1); PQ (1)

Genus GEORYSSUS Latreille

G. pusillus LeConte	–	–	–	BC	AB	–	–	–	PQ	–	–	–	–	–

Family SPHAERITIDAE false clown beetles

R.E. Roughley

Sphaeritidae contains only one genus, *Sphaerites*, with two species in the Holarctic region; one of them occurs in Canada and Alaska. Adults are found in dung and other decaying organic material (e.g. fungi) and on trees when the sap runs.

AK (1); BC (1); AB (1)

Genus SPHAERITES Duftschmid

S. politus Mannerheim	AK	–	–	BC	AB	–	–	–	–	–	–	–	–	–

Family HISTERIDAE hister beetles

A. Davies

In Canada and Alaska 118 species of Histeridae have been recorded. The adults and larvae are chiefly predators of other insects and their larvae. Most species are associated with decaying organic material, dung, and carrion; some are found in sandy areas, in mammal burrows, under bark, and in bark-beetle galleries; a few are myrmecophilous. Although some species are associated with stored products, they most likely feed on other insects that occur there.

LeConte (1845), Marseul (1853-1857, 1860-1862), and Horn (1873) have conducted major taxonomic treatments of the North American Histeridae. The classification used here is based on Arnett (1968), whereas the status of the species is based on Mazur (1984) and on work by Helava (personal communication).

AK (1); YK (2); NT (2); BC (57); AB (42); SK (25); MB (43); ON (65); PQ (58); NB (13); NS (12); PE (3); NF (7) • H (1); I(10)

Subfamily ABRAEINAE
Tribe Abraeini

Genus ABRAEUS Leach

A. bolteri LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Tribe Plegaderini

Genus PLEGADERUS Erichson

P. comonforti Marseul	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
vergrandis Casey														
P. consors Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
egenus Casey														
P. fraternus Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. molestus Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
obesus Casey														
P. nitidus Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. sayi Marseul	–	–	–	BC	–	–	–	ON	PQ	NB	NS	–	–	–
P. setulosus Ross	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. transversus (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	NF

Tribe Acritini

Genus ACRITUS LeConte

A. exiguus (Erichson)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
aciculatus (J.E. LeConte)														
cribripennis Marseul														
ellipticus Casey														
natchez Marseul														
obliquus (J.E. LeConte)														
subdepressus (Blatchley)														
A. nigricornis (Hoffman)†	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Genus AELETES Horn

A. politus (LeConte)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
A. simplex (J.E. LeConte)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
acupictus (Marseul)														

Tribe Teretriini

Genus TERETRIUS Erichson

T. americanus J.E. LeConte	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
dissonans Marseul														
picipes J.E. LeConte														
T. montanus Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Subfamily SAPRININAE

Genus SAPRINUS Erichson

S. discoidalis LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
amplus Casey														
latiformis Casey														
mayhewi Papp														
S. impressus J.E. LeConte	–	–	–	BC	AB	–	–	ON	–	–	–	–	–	–
infaustus LeConte														
piceus J.E. LeConte														
S. lugens Erichson	–	–	NT	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
californicus Mannerheim														
consimilis Walker														
distinguendoides Hatch														
oregonensoides Hatch														
pseudodetersus Dahlgren														
sejunctoides Hatch														
S. oregonensis J.E. LeConte	–	–	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
distinguendus Marseul														
leconteoides Hatch														
pseudodistinguendus Hatch														
pseudosejunctoides Hatch														
pseudosejunctus Hatch														
sejunctus Marseul														
spurcus LeConte														
S. pensylvanicus (Paykull)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
profusoides Hatch														

S. sedakovii Motschulsky*	–	YK	–	–	–	–	–	–	–	–	–	–	–	–
Genus EUSPILOTUS Lewis														
(Subgenus HESPEROSAPRINUS Wenzel)														
E. assimilis (Paykull)	–	–	–	–	–	–	MB	ON	PQ	NB	–	–	–	–
extraneus (Illiger)														
sardous (Flach)														
semisulcus (Hatch)														
simulatus (Blatchley)														
E. conformis (J.E. LeConte)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
oviformis (Blatchley)														
E. cribrum (Casey)	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–
carri (Hatch)														
E. insertus (LeConte)	–	–	–	BC	AB	SK	–	–	–	–	–	–	–	–
obductus (LeConte)														
opacellus (Casey)														
vinctus (LeConte)														
(Subgenus NEOSAPRINUS Bickhardt)														
E. scrupularis (J.E. LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Genus XEROSAPRINUS Wenzel														
X. fimbriatus (LeConte)	–	–	NT	BC	AB	SK	–	–	–	–	–	–	–	–
desertorum (Marseul)														
X. lubricus (LeConte)	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–
rotundifrons (Marseul)														
Genus GEOMYSAPRINUS Ross														
(Subgenus PRISCOSAPRINUS Wenzel)														
G. castanipennis (Fall)	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
G. cheyennensis (Casey)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
G. copei (Horn)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
G. lanei (Hatch & McGrath)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
G. laramiensis (Casey)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
G. obscurus (LeConte)	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
G. obsidianus (Casey)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
moniliatus (Casey)														
(Subgenus GEOMYSAPRINUS s. str.)														
G. rugosifrons (Fall)	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
Genus HYPOCACCUS C.G. Thomson														
H. aeneipunctatus (Horn)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
H. bigemmeus (LeConte)	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–
H. bigener (J.E. LeConte)	–	–	–	–	–	SK	MB	ON	PQ	NB	–	–	–	–
eriensis (Hatch)														
illinoensis Wolcott														
impunctellus (Casey)														
lakensis Blatchley														
michiganensis (Hatch)														
ohioensis (Hatch)														
ontarioensis (Hatch)														
sphaeroides (J.E. LeConte)														
H. estriatus (LeConte)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
H. fitchi (Marseul)	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
H. fraternus (Say)	–	–	–	BC	AB	SK	MB	ON	PQ	–	NS	PE	–	NF
H. iris (Fall)	–	–	–	–	AB	SK	MB	ON	PQ	–	–	–	–	–
alutiger Wenzel														
H. mancus (Say)	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
H. omissus (Casey)	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
H. patruelis (J.E. LeConte)	–	–	–	–	AB	–	MB	ON	PQ	–	–	–	–	–
javeti (Marseul)														
H. seminitens (LeConte)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
Genus BAECKMANNIOLUS Reichardt														
B. dimidiatipennis (J.E. LeConte)	–	–	–	–	–	–	–	–	PQ	NB	NS	–	–	NF
deserticola (Marseul)														
desertorum (Marseul)														
palmatus (Say)														

Genus NEOPACHYLOPUS Reichardt														
N. sulcifrons (Mannerheim)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Genus GNATHONCUS Jacquelin du Val														
G. rossi Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
G. rotundatus (Kugelann)†	–	–	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	NF
communis (Marseul)														
deletus (J.E. LeConte)														
nanus (Scriba)														

Subfamily DENDROPHILINAE

Tribe Dendrophilini

Genus DENDROPHILUS Leach														
D. punctatus (Herbst)†	–	–	–	BC	–	–	MB	ON	PQ	–	–	–	–	–
punctulatus (Say)														
D. xavieri Marseul†	–	–	–	BC	–	–	–	ON	–	–	–	–	–	–
sexstriatus Hatch														

Tribe Bacaniini

Genus BACANIUS LeConte														
B. punctiformis (LeConte)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Tribe Paromalini

Genus CARCINOPS Marseul														
Carcinus Marseul														
C. pumilio (Erichson)†	–	–	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	NF
nanus (J.E. LeConte)														
quatuordecimstriatus (Stephens)														
Genus XESTIPYGE Marseul														
X. conjunctum (Say)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
X. geminatum (J.E. LeConte)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
Genus PLATYLOMALUS Cooman														
P. aequalis (Say)	–	–	–	BC	AB	–	MB	ON	PQ	–	–	–	–	–
affinis (J.E. LeConte)														
estriatus (J.E. LeConte)														
Genus PAROMALUS Erichson														
P. bistriatus Erichson	–	–	–	–	AB	–	–	ON	PQ	NB	–	–	–	NF
P. mancus Casey	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
P. seeversi (Wenzel)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
P. teres LeConte	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	NF

Subfamily TRIBALINAE

Genus EPIERUS Erichson														
E. pulicarius Erichson	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
minor J.E. LeConte														
E. regularis (Palisot de Beauvois)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
nigrellus (Say)														
vicinus LeConte														
Genus ONTHOPHILUS Leach														
O. deflectus Helava	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
Genus CAEROSTERNUS LeConte														
C. americanus (J.E. LeConte)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Subfamily HISTERINAE
Tribe Histerini

Genus ATHOLUS C.G. Thomson														
Peranus Lewis														
A. americanus (Paykull)	–	–	–	–	AB	SK	MB	ON	PQ	–	–	–	–	–
diffractus (Casey)														
exaratus (J.E. LeConte)														
perplexus (LeConte)														
A. bimaculatus (Linné)†	–	–	–	BC	AB	–	–	ON	PQ	–	–	–	–	–
obliquus (Say)														
A. falli (Bickhardt)	–	–	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
gagates Fall														
A. sedecimstriatus (Say)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
Genus MARGARINOTUS Marseul														
(Subgenus MARGARINOTUS s. str.)														
M. guttifer Horn	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
(Subgenus PTOMISTER Houlbert & Monnot)														
M. brunneus (Fabricius)†	–	–	–	–	–	–	–	ON	PQ	NB	NS	PE	–	–
cadaverinus (Hoffmann)														
impressus (Fabricius)														
obtusatus (Harris)														
virginiae (Casey)														
M. egregius (Casey)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
M. foedatus (J.E. LeConte)	–	–	–	–	–	–	MB	ON	PQ	NB	NS	–	–	–
M. fractifrons (Casey)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
fidelis (Casey)														
planifrons (Lewis)														
M. harrisii (Kirby)	–	–	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
repletus (J.E. LeConte)														
M. hudsonicus (Casey)	–	–	–	–	–	–	MB	ON	PQ	NB	–	–	–	–
M. immunis (Erichson)	–	–	–	BC	–	–	MB	ON	PQ	–	NS	–	–	–
M. interruptus (Palisot de Beauvois)	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
M. merdarius (Hoffmann)†	–	–	–	BC	–	–	–	ON	PQ	–	NS	–	–	–
memnonius (Say)														
M. pluto (Casey)	–	–	–	BC	AB	–	MB	–	–	–	–	–	–	–
albertensis (Hatch)														
carri (Hatch)														
M. rectus (Casey)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
M. umbrosus (Casey)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
umbratilis (Casey)														
(Subgenus STENISTER Reichardt)														
M. obscurus (Kugelann)†	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
semisculptus (LeConte)														
stercorarius (Hoffmann)														
(Subgenus PARALISTER Bickhardt)														
M. cognatus (J.E. LeConte)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
unicus (Casey)														
M. lecontei Wenzel	–	–	–	–	–	SK	MB	ON	PQ	NB	NS	PE	–	–
M. purpurascens (Herbst)†	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
(Subgenus PROMETHISTER Kryzhanovsky)														
M. confusus Wenzel	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
M. marginicollis (J.E. LeConte)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
Genus HISTER Linné														
H. abbreviatus Fabricius	AK	–	–	BC	AB	SK	MB	ON	PQ	NB	–	–	–	–
bifidus Say														
coloradensis Casey														
crenicollis Flach														
subhemisphaericus Palisot de Beauvois														
H. albertanus Casey	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
H. curtatus J.E. LeConte	–	–	–	–	–	–	–	–	PQ	–	NS	–	–	–
haldemanni Marseul														

H. defectus J.E. LeConte	–	–	–	–	–	SK	–	ON	PQ	–	–	–	–	–
permixtus Zimmermann														
H. depurator Say	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	–
paykulli Kirby														
perbrevis Casey														
spretus J.E. LeConte														

Genus SPILODISCUS Lewis

S. arcuatus (Say)	–	–	–	–	–	–	–	–	–	–	NS	–	–	–
S. militaris (Horn)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
electus (Casey)														
oregonus (Casey)														
simplicipes (Fall)														
S. sellatus (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
sennevillei (Marseul)														
S. semiruber (Casey)	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–
solaris (Carnochan)														

Genus PSILOSCELIS Marseul

P. abnormalis Mann	–	–	–	–	–	SK	MB	–	–	–	–	–	–	–
P. carri Hatch	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
P. corrosa Casey	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
P. planipes (LeConte)	–	–	–	–	–	–	MB	ON	PQ	–	NS	–	–	–
harrisi (J.E. LeConte)														
P. subopaca (LeConte)	–	YK	–	BC	AB	–	MB	–	–	–	–	–	–	–

Tribe Platysomatini

Genus PLATYSOMA Leach

(Subgenus PLATYSOMA s. str.)

P. aequum (LeConte)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
P. aurelianum (Horn)	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
P. lecontei Marseul	–	–	–	BC	AB	–	MB	ON	PQ	–	–	–	–	–
depressum J.E. LeConte														
tabellum Casey														

(Subgenus EURYLISTER Bickhardt)

P. carolinum (Paykull)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
cinnamomeum (A. White)														
sordidum (Say)														

(Subgenus CYLISTER Cooman)

P. coarctatum J.E. LeConte	–	–	–	BC	AB	–	MB	ON	PQ	–	–	–	–	–
P. punctigerum (LeConte)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–

Genus CYLISTIX Marseul

C. cylindrica (Palisot de Beauvois)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
C. deficiens Casey	–	–	–	–	AB	SK	MB	ON	PQ	–	–	–	–	–
C. gracilis (J.E. LeConte)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Tribe Hololeptini

Genus HOLOLEPTA Paykull

H. aequalis Say	–	–	–	BC	AB	–	MB	ON	PQ	–	–	–	–	–
fossularis Say														

Tribe Exosternini

Genus PHELISTER Marseul

P. subrotundus (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
P. vernus (Say)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
saunieri Marseul														

Subfamily HETAERIINAE
Tribe Hetaeriini

Genus HETAERIUS Erichson

H. brunneipennis (Randall)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
H. exiguus Mannerheim	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
nitidus Martin														
H. tristriatus Horn	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–

Superfamily Eucinetoidea

Family EUCINETIDAE plate-thigh beetles

J.M. Campbell

Eucinetidae is a small family that contains about 30 species throughout the world; seven of them, placed in one genus, are known to occur in Canada. These beetles are associated with fungal decay and are found in leaf litter or under bark of fungus-infested logs.

Horn (1880) last reviewed the species of this family, as part of Dascillidae; they are poorly known taxonomically.

YK (1); NT (2); BC (5); AB (3); SK (3); MB (4); ON (4); PQ (4); NB (2); NS (2) • I (1)

Genus EUCINETUS Germar

E. haemorrhoidalis (Germar)†	–	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	–
E. infumatus LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
E. morio LeConte	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
E. oviformis LeConte	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
E. punctulatus LeConte	–	YK	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
E. terminalis LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
E. testaceus LeConte	–	–	NT	BC	AB	SK	MB	ON	PQ	NB	–	–	–	–

Family CLAMBIDAE minute beetles

J.M. Campbell

Clambidae forms a family of small beetles that are rarely collected because of their size and habitat. The family contains five genera and about 50 species in the world. Only two genera comprising seven species are known to occur in Canada and Alaska, but more are likely to be found. Adults are usually collected during their evening flight. They can also be collected by sifting leaf litter and piles of decaying vegetation, where they probably feed on spores of fungi and slime molds.

The American species were revised by Endrödy-Younga (1981) and are well-known taxonomically.

AK (1); BC (3); AB (3); ON (1); PQ (6) • H (1); I (1)

Genus CALYPTOMERUS Redtenbacher

C. oblongulus Mannerheim	AK	–	–	BC	AB	–	–	–	–	–	–	–	–	–

Genus CLAMBUS Fischer von Waldheim
Sternuchus LeConte

C. armadillo armadillo (DeGeer)†	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
niger Hatch														
C. gibbulus (LeConte)‡	–	–	–	BC	AB	–	–	–	PQ	–	–	–	–	–
radula Endrödy-Younga														
C. howdeni Endrödy-Younga	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

C. pubescens Redtenbacher*	–	–	–	BC	AB	–	–	–	PQ	–	–	–	–	–
puberulus LeConte														
C. smetanai Endrödy-Younga	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
C. vulneratus LeConte	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–

Family SCIRTIDAE marsh beetles

J.M. Campbell

The family Scirtidae contains about 600 species throughout the world, but most of them are found in temperate zones. Six genera and 26 species are known to occur in Canada and Alaska. Adults are collected, often in large numbers, on vegetation in wet habitats, particularly marshes, bogs, and swamps; they are attracted to light. Larvae are aquatic and feed on fungi, algae, diatoms, and other organic matter.

Most Canadian species are well known except those of the genus *Cyphon*, which is in need of revision. Horn (1880) last reviewed the species of this family, as part of Dascillidae. Klausnitzer (1976), however, reviewed several species occurring in Canada; he (1980) also segregated some species formerly assigned to *Elodes* to form the new genus *Flavohelodes*.

AK (1); YK (1); NT (2); BC (10); AB (4); SK (3); MB (3); ON (15); PQ (15); NB (7); NS (3); NF (5)

Genus ELODES Latreille
Hemicyphon LeConte
Sacodes LeConte

E. angusta Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
E. apicalis LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
E. emarginata Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
E. maculicollis Horn	–	–	–	–	–	–	–	–	PQ	–	NS	–	–	NF

Genus FLAVOHELODES Klausnitzer

F. fuscipennis (Guérin-Méneville)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
F. pulchella (Guérin-Méneville)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
F. thoracica (Melsheimer)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Genus MICROCARA C.G. Thomson

M. explanata LeConte	–	–	–	BC	–	SK	MB	ON	PQ	NB	–	–	–	–

Genus CYPHON Paykull

C. brevicollis (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. collaris (Guérin-Méneville)	–	–	–	–	–	–	–	–	PQ	NB	–	–	–	–
C. concinnus (LeConte)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
C. confusus W.J. Brown	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	NF
horioni Klausnitzer														
C. exiguus Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. modestus (LeConte)	–	–	–	–	–	–	–	–	PQ	–	–	–	–	NF
C. nebulosus (LeConte)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
C. neovariabilis Klausnitzer	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
C. obscurus (Guérin-Méneville)	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	NF
C. ochreatus Klausnitzer	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
C. punctatus (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. pusillus (LeConte)	–	–	NT	BC	AB	SK	–	–	–	–	–	–	–	–
C. ruficollis (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
C. variabilis (Thunberg)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	NF

Genus PRIONOCYPHON Redtenbacher

P. discoideus (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
P. limbatus LeConte	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–

Genus SCIRTES Illiger

S. orbiculatus (Fabricius)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
S. tibialis Guérin-Méneville	–	–	–	–	AB	–	–	ON	PQ	NB	–	–	–	–

Superfamily Dascilloidea

Family DASCILLIDAE soft-bodied plant beetles

J.M. Campbell

The status of Dascillidae has changed considerably since Horn reviewed it (1880). Its size has been greatly reduced by the removal of species now included in the families Scirtidae, Eucinetidae, Artematopidae, and Ptilodactylidae, so that only one species is now known to occur in Canada. Fifteen genera and about 80 species are known to occur throughout the world. The adults are usually found on foliage; they feed on plants or are carnivorous. The larvae live in soil or are aquatic; they feed on vegetative matter such as roots or leaf mold.

BC (1)

Subfamily DASCILLINAE

Tribe Cneoglossini

Genus ARAEOPIDIUS Cockerell
  Araeopus LeConte

A. monachus (LeConte) – – – BC – – – – – – – – – –

Family RHIPICERIDAE cedar beetles

J.M. Campbell

Rhipiceridae contains five genera and about 50 species throughout the world. Only one genus with one species is known to occur in southern Ontario. The larvae of this species live on the roots of trees, where they are parasitic on the nymphs of cicadas. The adults are often found in mating congregations on the trunks of trees, with many males grouped around one female.

ON (1)

Genus SANDALUS Knoch

S. niger Knoch – – – – – – – ON – – – – – –
  knochi (Guérin-Méneville)
  rubidus Melsheimer
  rufipennis (Latreille)
  scabricollis Haldeman

Superfamily Scarabaeoidea

Family LUCANIDAE stag beetles

J. McNamara

Lucanidae includes 14 species in Canada. The larvae of all species breed in or beneath the decaying wood of logs or stumps and therefore are of little economic importance. The adults are believed to feed on honeydew or sap. They lay their eggs in bark crevices, especially near the roots. The adults are attracted to light and are most commonly found in wooded areas.

Howden and Lawrence (1974) published a key of the North American genera, and since the genera occurring in Canada include few species, specific identification is relatively easy.

YK (1); NT (2); BC (7); AB (2); SK (2); MB (3); ON (8); PQ (5); NB (2); NS (3); NF (1)

Subfamily SYNDESINAE
Tribe Sinodendrini

Genus SINODENDRON Hellwig

S. rugosum Mannerheim	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Tribe Ceruchini

Genus CERUCHUS MacLeay

C. piceus (Weber) *balbi* (Castelnau) *virginiensis* Casey	–	–	–	–	–	–	MB	ON	PQ	–	NS	–	–	–
C. punctatus LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. striatus LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Subfamily NICAGINAE
Tribe Nicagini

Genus NICAGUS LeConte

N. obscurus (LeConte)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Subfamily LUCANINAE
Tribe Lucanini

Genus LUCANUS Scopoli

(Subgenus LUCANUS s. str.)

L. elaphus Fabricius *carlengi* Angell	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

(Subgenus PSEUDOLUCANUS Hope & Westwood)

L. capreolus (Linné) *dama* Fabricius *muticus* Thunberg *nigricephalus* (Benesh) *trigonus* Thunberg	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
L. placidus Say *lentus* Castelnau	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Tribe Dorcini

Genus DORCUS MacLeay

D. parallelus (Say) *carnochani* Angell *costatus* LeConte *nanus* Casey *oblongus* (Charpentier) *voeti* (Schönherr)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Tribe Platycerini

Genus PLATYCEROPSIS Benesh

P. keeni (Casey) *pedicellaris* (Mollenk)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus PLATYCERUS Geoffroy
Key to species: Benesh (1946)

P. marginalis Casey	–	–	NT	BC	AB	SK	MB	–	–	NB	NS	–	–	–
P. oregonensis Westwood *chalybaeus* Casey *coerulescens* LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. piceus (Kirby) *depressus* LeConte	–	YK	NT	BC	AB	SK	MB	ON	PQ	NB	–	–	–	NF

P. virescens (Fabricius) – – – – – – – ON PQ – NS – – –
angustus Casey
iowanus Casey
peregrinus Casey
quercus (Weber)
securidens (Say)

Family PASSALIDAE peg and bess beetles

J. McNamara

Only one species of Passalidae occurs in Canada. These beetles, which live in rotten logs and stumps, are not economically important. The adults and larvae communicate with each other by stridulation. The adults prepare food for the larvae by chewing the wood and mixing it with saliva.

Reyes-Castillo (1970) published a key to the American genera of this family.

MB (1); ON (1)

Tribe Proculini

Genus ODONTOTAENIUS Kuwert
Passalotaenius Kuwert

O. disjunctus (Illiger) – – – – – – MB ON – – – – – –
cornutus (Fabricius)

Family SCARABAEIDAE scarab beetles

J. McNamara

Scarabaeidae is one of the largest families of beetles in the world; 248 species are known to occur in Canada and Alaska. Beetles of this family are popular with collectors because of their bright colors and the large horns of some groups. The size of these beetles varies greatly, from 1.9 mm for *Pleurophorus longulus* to 15 cm for *Goliathus*, which is probably the largest insect known based on mass. The scarabs contain some of the most destructive beetles, such as the Japanese beetle (*Popillia japonica*), the Asiatic garden beetle (*Maladera castanea*), and the European chafer (*Amphimallon majalis*). These belong to a group of scarabs that feed primarily on live plant matter as adults, and usually on plant roots or rotting wood as larvae. The other group of scarabs are mainly dung feeders or scavengers. They feed primarily on dung or decaying plant and animal matter as adults, and in many cases the larvae feed on the same material as it is supplied to them by the adults. Because of their economic importance, the life cycle of many species is fairly well known. That of the Japanese beetle is probably typical of the family in general. Mating takes place during the summer. The eggs are laid in the soil in late July and early August; they hatch immediately, and the larvae begin to feed. When the weather turns cold the larvae burrow deeper into the soil, below the frost line, where they hibernate. In the spring when the weather is warmer, they move up near the surface of the ground and continue to feed until they pupate in June. The adults emerge about the first of July, depending on the area. Many variations occur in the life cycle of scarabs. The *Phyllophaga* species cycle ranges from 2 to 4 years, depending largely on the latitude.

John Cooper is currently revising the scarabs of Canada and Alaska, and his work is expected to be published as part of *The Insects and Arachnids of Canada*, a series published by Agriculture Canada. The classification used here is taken almost entirely from his manuscript.

AK (13); YK (9); NT (17); BC (88); AB (96); SK (58); MB (85); ON (136); PQ (109); NB (41); NS (47); PE (11); LB (7); NF (20) • H (1); I (21)

Subfamily SCARABAEINAE
Tribe Scarabaeini

Genus CANTHON Hoffmansegg
Key to North American species: Robinson (1948)

(Subgenus CANTHON s. str.)

C. chalcites (Haldeman)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
C. pilularius (Linné)	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
hudsonias (Forster)														
laevis (Drury)														
obtusidens (Ziegler)														
viridescens Horn														
volvens (Fabricius)														
C. vigilans LeConte	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

(Subgenus BOREOCANTHON Halffter)

C. praticola LeConte	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–
C. simplex LeConte	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–

(Subgenus GLAPHYROCANTHON Martinez)

C. viridis (Palisot de Beauvois)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
metallicus Sturm														
obsoletus (Say)														
viridicatus (Say)														

Tribe Coprini

Genus COPRIS O.F. Müller
Key to New World species: Matthews (1961)

C. fricator fricator (Fabricius)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
anaglypticus Say														
tullius (Olivier)														
C. minutus (Drury)	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
ammon Fabricius														
lar Fabricius														
reflexus Panzer														
silenus Fabricius														

Tribe Onthophagini

Genus ONTHOPHAGUS Latreille
Key to North American species: Howden and Cartwright (1963)

O. hecate hecate (Panzer)	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	–
furcicollis Dejean														
hastator (Fabricius)														
lama Dejean														
latebrosus (Fabricius)														
obtectus (Palisot de Beauvois)														
sayi Castelnau														
scabricollis Kirby														
O. nuchicornis (Linné)†	–	–	–	BC	AB	–	MB	ON	PQ	NB	NS	–	–	NF
rhinoceros Melsheimer														
xiphias LeConte														
O. orpheus canadensis (Fabricius)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
O. orpheus pseudorpheus Howden & Cartwright	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
O. pennsylvanicus Harold	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Subfamily APHODIINAE
Tribe Aegialiini

Key to North American species: Gordon and Cartwright (1988)

Genus MICRAEGIALIA W.J. Brown

M. pusilla (Horn)	–	–	–	BC	AB	–	MB	–	–	–	–	–	–	–

Genus AEGIALIA Latreille

(Subgenus LEPTAEGIALIA W.J. Brown)

A. humeralis W.J. Brown	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
A. montana W.J. Brown	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
A. rufescens Horn	–	–	–	BC	AB	SK	MB	ON	PQ	NB	–	–	–	–

(Subgenus PSAMMOPORUS Thomson)

A. criddlei W.J. Brown	AK	–	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	NF
A. cylindrica (Eschscholtz)	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. lacustris LeConte	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
A. nana W.J. Brown	–	–	–	–	–	–	–	–	PQ	NB	–	–	–	–
A. opaca W.J. Brown	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
A. terminalis W.J. Brown	AK	YK	NT	BC	AB	SK	MB	–	–	–	–	–	LB	NF

(Subgenus RHYSOTHORAX Bedel)
(*Anomalaegialia* W.J. Brown)

A. spissipes LeConte† *rufa* (Fabricius) *rufina* Silfvergerg	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	NF

(Subgenus AEGIALIA s. str.)

A. arenaria (Fabricius)†	–	–	–	–	–	–	–	–	–	–	NS	–	–	–
A. blanchardi Horn	–	–	–	BC	–	–	–	–	PQ	–	–	–	–	–
A. carri Gordon & Cartwright	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
A. conferta Horn	–	–	–	–	AB	SK	MB	ON	PQ	–	–	–	–	–
A. crassa LeConte *insularis* W.J. Brown	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. opifex Horn	–	–	–	–	–	–	–	ON	PQ	–	NS	PE	–	–

Tribe Aphodiini

Genus APHODIUS Illiger
Key to eastern North American species: Gordon (1983)

A. aenictus Cooper & Gordon	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
A. albertanus W.J. Brown	–	–	NT	BC	AB	–	–	–	–	–	–	–	–	–
A. aleutus Eschscholtz *ursinus* Motschulsky	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
A. alternatus Horn *inermis* Robinson *moclipsi* Hatch	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–
A. anthracinus LeConte	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
A. aquilonarius W.J. Brown	–	–	–	BC	AB	SK	–	–	–	–	–	–	–	–
A. badipes Melsheimer *oblongus* Say	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
A. bicolor Say	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
A. bidentatus Schmidt *bidens* LeConte	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
A. borealis Gyllenhal* *errans* W.J. Brown	AK	YK	NT	BC	AB	–	MB	ON	PQ	NB	NS	–	LB	NF
A. brevicollis LeConte	–	–	–	–	AB	–	MB	–	–	–	–	–	–	–
A. browni Hinton *smithi* W.J. Brown	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. bryanti W.J. Brown	–	–	–	–	AB	SK	–	–	–	–	–	–	–	–
A. carri W.J. Brown	–	–	–	–	AB	SK	–	–	–	–	–	–	–	–
A. coloradensis Horn	–	–	–	–	AB	–	?	–	–	–	–	–	–	–
A. congregatus Mannerheim *arcticus* Harold	AK	–	–	BC	AB	–	–	–	–	–	–	–	–	–
A. consentaneus LeConte	–	–	NT	–	AB	SK	MB	–	–	–	–	–	–	–
A. corruptor W.J. Brown	AK	YK	–	BC	AB	SK	MB	–	–	–	–	–	–	–
A. cribratulus Schmidt *cribratus* LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. criddlei W.J. Brown	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
A. decipiens Horn	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
A. denticulatus Haldeman	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
A. distinctus (O.F. Müller)† *inquinatus* (Herbst) *maculipennis* Melsheimer	–	–	–	BC	AB	SK	MB	ON	PQ	–	NS	–	–	–
A. duplex LeConte	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–
A. edmontonus W.J. Brown	–	–	–	–	AB	–	–	–	–	–	–	–	–	–

Scarabaeidae

A. erraticus (Linné)†	–	–	–	–	–	–	MB	ON	PQ	NB	NS	–	–	NF
pensvallensis Melsheimer														
A. fimetarius (Linné)†	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	–	LB	NF
nodifrons Randall														
A. fossor (Linné)†	AK	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF
A. granarius (Linné)†	–	–	–	BC	AB	–	MB	ON	PQ	NB	NS	–	–	–
aterrimus Melsheimer														
inutilis Horn														
metallicus Haldeman														
spretus Haldeman														
A. guttatus Eschscholtz	AK	YK	–	BC	AB	–	MB	–	PQ	–	NS	–	–	–
A. haemorrhoidalis (Linné)†	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	–	LB	NF
A. hamatus hamatus Say	–	–	–	BC	AB	SK	MB	–	PQ	–	–	–	–	–
occidentalis Horn														
sagittarius Harold														
A. hirsutus W J. Brown	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. hyperboreus LeConte	–	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
angularis LeConte														
A. iowensis Wickham	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
A. lentus Horn	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
A. leopardus Horn	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
A. leptotarsis W.J. Brown	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
A. manitobensis W.J. Brown	–	–	–	–	AB	–	MB	ON	PQ	–	NS	–	–	–
A. omissus omissus LeConte	–	YK	NT	BC	AB	SK	MB	ON	–	–	–	–	–	–
A. omissus torpidus Horn	–	YK	–	BC	AB	SK	MB	–	–	–	–	–	–	–
A. opacus LeConte	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
columbiensis Wickham														
A. pardalis LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. pectoralis LeConte	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
A. peculiosus Schmidt	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
awemeanus W.J. Brown														
longitarsis Fall														
tenuitarsis Reitter														
A. phaeopterus LeConte	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
canadensis Garnett														
(?) *russelli* Hatch														
A. piceatus Robinson	AK	–	–	BC	AB	–	–	–	–	–	–	–	–	–
raineri Hatch														
A. pinguellus W.J. Brown	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–
A. pinguis Haldeman	–	–	NT	?	AB	SK	MB	ON	PQ	–	–	–	–	NF
validus Horn														
A. prodromus (Brahm)†	–	–	–	BC	–	SK	MB	ON	PQ	NB	NS	–	–	–
A. richardsonae Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. rogersi Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. rubeolus (Palisot de Beauvois)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
copronymus Melsheimer														
A. rubripennis Horn	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
A. rufipes (Linné)†	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
A. ruricola Melsheimer	–	–	–	–	AB	–	MB	ON	PQ	–	NS	–	–	NF
aurelianus Harold														
curtus Haldeman														
A. scabriceps LeConte	–	–	–	–	AB	SK	–	–	–	–	–	–	–	–
A. scrofa (Fabricius)†	–	–	–	–	–	–	–	–	PQ	NB	–	–	–	NF
A. sigmoideus Van Dyke	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. socialis W.J. Brown	–	–	–	–	AB	–	MB	–	–	–	–	–	–	–
A. stercorosus Melsheimer	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
A. subaeneus LeConte	–	–	–	BC	?	–	–	–	–	–	–	–	–	–
gentneri Hatch														
perpolitus Gordon														
A. subterraneus (Linné)†	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
A. talpoidesi W.J. Brown	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
A. tenellus Say	AK	YK	NT	BC	AB	–	MB	ON	PQ	–	–	–	–	–
A. thomomysi W.J. Brown	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
A. vittatus Say	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	–	LB	–
A. walshii Horn	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
Genus OXYOMUS Stephens														
O. silvestris (Scopoli)†	–	–	–	BC	–	–	–	–	PQ	–	–	–	–	–
opacifrons Horn														
porcatus (Fabricius)														

Tribe Eupariini

Genus ATAENIUS Harold
Key to North American species: Cartwright (1974)

A. abditus (Haldeman) *attenuator* Harold	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
A. gracilis (Melsheimer)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
A. imbricatus (Melsheimer) *sordidus* Harold	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
A. spretulus (Haldeman) *consors* Fall *falli* Hinton	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
A. strigatus (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Genus DIALYTES Harold

D. criddlei W.J. Brown	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
D. striatulus (Say) *cribrosus* (LeConte)	–	–	–	–	–	–	MB	ON	PQ	NB	NS	–	–	–
D. truncatus (Melsheimer) *corvinus* (Haldeman)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
D. ulkei Horn	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Genus DIALYTELLUS W.J. Brown
Key to species: Brown (1929)

D. dialytoides (Fall)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
D. humeralis (LeConte)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Tribe Psammodiini

Genus PSAMMODIUS Fallen
Key to New World species: Cartwright (1955)

P. caelatus (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. laevipennis Costa† *aegialioides* Haldeman	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
P. oregonensis Cartwright	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. sulcicollis (Illiger)†	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–

Genus RHYSSEMUS Mulsant
Key to New World species: Gordon and Cartwright (1980)

R. californicus Horn	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
R. germanus (Linné)† *puncticollis* W.J. Brown	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
R. neglectus W.J. Brown	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
R. sonatus LeConte	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–

Genus PLEUROPHORUS Mulsant
Key to New World species: Cartwright (1948)

P. atlanticus Cartwright	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
P. caesus (Creutzer)†	–	–	–	BC	–	–	–	ON	PQ	–	–	–	–	–

Subfamily OCHODAEINAE

Genus OCHODAEUS Audinet-Serville
Cadocera Eschscholtz
Psephus Kirby
Stomphax Fischer von Waldheim

O. luscinus Howden	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
O. musculus (Say) *americanus* Westwood	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
O. opacus LeConte	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
O. simplex LeConte	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–

Subfamily GEOTRUPINAE

Key to North American species: Howden (1955)

Tribe Bolboceratini

Genus BOLBOCEROSOMA Schaeffer

B. bruneri Dawson & McColloch	–	–	–	–	–	–	MB	–	–	–	–	–	–	–

Genus EUCANTHUS Westwood
Key to North American species: Howden (1964)

E. greeni Robinson	–	–	–	–	AB	–	MB	–	–	–	–	–	–	–
E. lazarus (Fabricius)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
meliboeus (Fabricius)														

Genus BOLBOCERAS Kirby
Odontaeus Fischer von Waldheim
Key to North American species: Wallis (1928)

B. falli (Wallis)	–	–	–	–	–	SK	MB	ON	PQ	–	–	–	–	–
B. filicornis (Say)	–	–	–	–	–	SK	MB	–	–	–	–	–	–	–
B. liebecki (Wallis)	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
B. obesus (LeConte)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–

Tribe Geotrupini

Genus GEOTRUPES Latreille

(Subgenus GEOTRUPES s. str.)

G. stercorarius (Linné)†	–	–	–	–	–	–	–	–	PQ	NB	–	PE	–	NF

(Subgenus ANOPLOTRUPES Jekel)
(*Melanotrupes* Blanchard)

G. balyi Jekel	–	–	–	–	–	–	MB	ON	PQ	NB	NS	–	–	–
similis Jekel														
G. hornii Blanchard	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	NF

(Subgenus ONYCHOTRUPES Jekel)

G. semiopacus Jekel	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
blackburnii Melsheimer														
melsheimeri Jekel														
ovalipennis Jekel														
G. splendidus miarophagus Say	–	–	–	–	–	–	–	?	–	–	–	–	–	–
G. splendidus splendidus (Fabricius)	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
gilnickii Jekel														
mixtus Horn														
starki Jekel														

Subfamily GLAPHYRINAE

Genus LICHNANTHE Burmeister
Dasydera LeConte
Key to species: Carlson (1980)

L. rathvoni (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
canina Horn														
edwardsi Horn														

Subfamily TROGINAE

Genus GLARESIS Erichson
Key to North American species: Gordon (1970c)

G. canadensis W.J. Brown	–	–	–	–	AB	–	MB	–	–	–	–	–	–	–
G. medialis Gordon	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus TROX Fabricius
Omorgus Erichson
Pseudotrox Robinson
Key to North American species: Vaurie (1955)

T. aequalis Say	–	–	–	–	–	–	MB	ON	PQ	NB	NS	–	–	–
T. atrox LeConte	–	–	–	BC	AB	SK	–	ON	–	–	–	–	–	–

T. capillaris Say	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
T. fascifer LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
T. foveicollis Harold	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
aciculeatus Robinson														
T. hamatus Robinson	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
T. robinsoni Vaurie	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
T. scaber (Linné)	–	–	–	BC	AB	–	MB	ON	PQ	NB	NS	–	–	–
T. scabrosus Palisot de Beauvois	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
T. sonorae LeConte	–	–	NT	–	AB	SK	–	–	–	–	–	–	–	–
alternans LeConte														
lecontei Harold														
T. sordidus LeConte	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
T. spinulosus spinulosus Robinson	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
T. striatus Melsheimer	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
T. unistriatus Palisot de Beauvois	–	–	–	–	AB	SK	MB	ON	PQ	NB	NS	PE	–	NF
porcatus Say														
T. variolatus Melsheimer	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
erinaceus LeConte														
monticola Robinson														

Subfamily MELOLONTHINAE
Tribe Sericini

Genus SERICA MacLeay
Camptorhina Kirby
Stilbolemma Harris

S. anthracina LeConte	–	–	–	BC	AB	SK	–	–	–	–	–	–	–	–
crassata Walker														
frontalis LeConte														
robusta LeConte														
valida Harold														
S. atracapilla (Kirby)	–	–	–	BC	–	–	MB	ON	PQ	NB	NS	–	–	–
cucullata Dawson														
S. curvata LeConte	–	–	NT	BC	AB	SK	MB	–	–	–	–	–	–	–
S. elusa Dawson	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
S. georgiana Leng	–	–	–	–	–	–	–	ON	PQ	NB	NS	PE	–	–
lecontei Dawson														
S. intermixta Blatchley	–	–	NT	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
S. parallela Casey	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
S. sericea (Illiger)	–	–	NT	BC	–	SK	MB	ON	PQ	–	–	–	–	–
S. sponsa Dawson	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
S. tristis LeConte	–	–	–	–	–	–	MB	ON	PQ	NB	NS	PE	–	–

Tribe Melolonthini

Key to North American genera: Hardy (1974)

Genus DIPLOTAXIS Kirby
Alobus LeConte
Diazus LeConte
Orsonyx LeConte
Key to species: Vaurie (1958; 1960)

D. atlantis Fall	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
nigra Cartwright														
D. brevicollis LeConte	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
nigropicea (Walker)														
D. haydenii LeConte	–	–	–	–	AB	SK	–	–	–	–	–	–	–	–
impressifrons Cazier														
innoxia LeConte														
levicoxa Fall														
D. obscura LeConte	AK	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–
compacta Fall														
consequens (Walker)														
prominens Fall														
D. sordida (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
carbonaria Burmeister														
rugosioides Schaeffer														
D. subangulata LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
californica Schaeffer														
D. tenebrosa Fall	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

D. tristis Kirby	–	–	–	–	–	–	MB	ON	PQ	NB	NS	PE	–	–
corpulenta Burmeister														
Genus PHYLLOPHAGA Harris														
Ancylonycha Blanchard														
Endrosa LeConte														
Gymnis LeConte														
Lachnosterna Hope														
Trichesthes Erichson														
Key to North American species: Luginbill and Painter (1953)														
P. anxia (LeConte)	–	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	NF
alpina (Linell)														
brevicollis (Blanchard)														
cephalica (LeConte)														
dubia (Smith)														
insperata (Smith)														
puncticollis (Blanchard)														
uninotata (Walker)														
P. balia (Say)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
comata (Burmeister)														
P. crenulata (Frölich)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
georgicana (Gyllenhal)														
P. drakii (Kirby)	–	–	–	–	AB	SK	MB	ON	PQ	NB	NS	PE	–	–
consimilis (LeConte)														
grandis (Smith)														
P. ephilida (Say)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
burmeisteri (LeConte)														
P. fervida (Fabricius)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
arcuata (Smith)														
quercina (Knoch)														
P. fraterna Harris	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
cognata (Burmeister)														
P. fusca (Frölich)	–	–	–	BC	–	–	–	ON	PQ	–	NS	–	–	NF
fervens (Gyllenhal)														
P. futilis (LeConte)	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
decidua (LeConte)														
gibbosa (Burmeister)														
serricornis (LeConte)														
P. gracilis (Burmeister)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
inana (LeConte)														
volvula (LeConte)														
P. hirsuta (Knoch)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
P. hirticula (Knoch)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
P. ilicis (Knoch)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
ciliata (LeConte)														
fimbriata (Burmeister)														
jonesi Sanderson														
porcina (Hentz)														
P. inversa (Horn)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
P. lanceolata (Say)	–	–	–	–	–	–	MB	ON	–	–	–	–	–	–
arizonae von Bloeker														
cazieri von Bloeker														
grisiana von Bloeker														
P. longispina (Smith)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
P. marginalis (LeConte)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
P. nitida (LeConte)	–	–	–	–	AB	–	MB	ON	PQ	–	–	–	–	–
innominata (Smith)														
limula (Horn)														
P. rugosa (Melsheimer)	–	–	–	–	AB	–	MB	ON	PQ	–	–	–	–	–
P. tristis (Fabricius)	–	–	–	BC	–	–	–	ON	–	–	–	–	–	–
pilosicollis (Knoch)														
P. vilifrons (LeConte)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
hirticeps (LeConte)														
Genus POLYPHYLLA Harris														
Macronoxia Crotch														
Key to North American species: Young (1988)														
P. crinita LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
incolumis Casey														
mystica Casey														

ona von Bloeker														
pacifica Casey														
perversa Casey														
santarosae von Bloeker														
P. decemlineata (Say)	–	–	–	BC	AB	SK	–	–	–	–	–	–	–	–
castanea Casey														
comstockiana von Bloeker														
laticauda Casey														
matrona Casey														
oregona Casey														
parilis Casey														
perversa Casey														
potsiana Casey														
reducta Casey														
ruficollis Casey														
squamotecta Casey														
P. hammondi LeConte	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
acomana Casey														
bisinuata Casey														
diffusa Casey														
impigra Casey														
latifrons Casey														
molesta Casey														
oblita Casey														
oklahomensis Hatch														
pimalis Casey														
proba Casey														
rufescenta Tanner														
sejuncta Casey														
speciosa Casey														
squamicauda Casey														
subvittata LeConte														
verecunda Casey														
P. variolosa (Hentz)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Genus AMPHIMALLON Berthold

A. majalis (Razoumowsky)†	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Tribe Pachydeniini

Genus PHOBETUS LeConte
Key to species: Hardy (1978)

P. comatus LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
leachi Barrett														

Tribe Macrodactylini

Genus DICHELONYX Harris
Dichelonycha Kirby
Key to North American species: Saylor (1945)
Key to eastern North American species: Brown (1946)

D. albicollis (Burmeister)	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
D. backii (Kirby)	–	–	NT	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
arizonica Barrett														
D. canadensis (Horn)	–	–	–	–	–	–	–	ON	PQ	–	–	–	LB	–
D. diluta (Fall)	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
D. elongatula (Schönherr)	–	–	–	–	–	–	–	–	PQ	NB	–	PE	–	–
D. fulgida (LeConte)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
crotchi (Horn)														
mormona (Fall)														
oregona (Van Dyke)														
D. kirbyi W.J. Brown	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
D. linearis (Gyllenhal)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
hexagona (Germar)														
testacea (Kirby)														
D. subvittata (LeConte)	–	–	–	–	–	–	MB	ON	PQ	NB	NS	–	–	–
D. truncata (LeConte)	–	–	–	BC	AB	SK	–	–	–	–	–	–	–	–

D. vicina (Fall)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
columbiana Hopping														
deserta Hopping														
Genus MACRODACTYLUS Latreille														
Stenothorax Harris														
M. subspinosus (Fabricius)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
barbatus Fitch														
elongatus (Herbst)														
polyphagus (Burmeister)														

Tribe Hopliini

Genus HOPLIA Illiger														
Echyra Erichson														
Key to North American species: Hardy (1977)														
H. callipyge LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
cazieri Boyer														
convexula LeConte														
deserticola Boyer														
humboldtensis Boyer														
irrorata LeConte														
lecontei Dalla Torre														
mutata Gemminger & Harold														
oregona LeConte														
pubicollis LeConte														
utahensis Boyer														
H. laticollis LeConte	–	–	–	–	–	–	MB	?	–	–	–	–	–	–
H. modesta Haldeman	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
barbata Blatchley														
helvola Melsheimer														
monticola Melsheimer														
singularis Burmeister														
H. sackenii LeConte	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
H. trifasciata Say	–	–	–	–	–	–	MB	ON	PQ	NB	NS	–	–	–
ferrisi Boyer														
primaria Burmeister														
tristis Melsheimer														

Subfamily RUTELINAE
Tribe Anomalini

Genus ANOMALA Samouelle														
Anomalepta Casey														
Anomalopus Casey														
Hemispilota Casey														
Oliganomala Casey														
Paranomala Casey														
Rhombonalia Casey														
Spilota Burmeister														
Key to North American species: Potts (1977)														
A. binotata (Gyllenhal)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
compacta Casey														
maculata (Castelnau)														
marginella LeConte														
unifasciata Say														
A. lucicola (Fabricius)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
atrata (Fabricius)														
cinctella Burmeister														
moerens (Fabricius)														
nigritula (Castelnau)														
phylloperthoides Nonfried														
pinicola Melsheimer														
quadrimaculata Drapiez														
A. undulata Melsheimer	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
canadensis Casey														
dubia Blatchley														

floridana Casey														
nigropicta Casey														
saginatula Casey														
varians Burmeister														
Genus STRIGODERMA Burmeister														
Alamona Casey														
Strigodermella Casey														
S. arboricola (Fabricius)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
Genus POPILLIA Audinet-Serville														
P. japonica Newman†	–	–	–	–	–	–	–	ON	PQ	–	NS	–		–

Tribe Rutelini

Genus PELIDNOTA MacLeay														
Key to North American species: Hardy (1975)														
(Subgenus PELIDNOTA s. str.)														
(*Pelidnotidia* Casey)														
P. punctata (Linné)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
brevicollis Casey														
brevis Casey														
debiliceps Casey														
hudsonica Casey														
lutea (Olivier)														
oblonga Casey														
pallidipes Casey														
ponderella Casey														
strenua Casey														
tarsalis Casey														
texensis Casey														
Genus COTALPA Burmeister														
Ciocotalpa Saylor														
C. lanigera (Linné)	–	–	–	–	–	SK	MB	ON	–	–	–	–	–	–
molaris Casey														
tau Wickham														
vernicata Casey														

Subfamily DYNASTINAE

Key to species: Endrodi (1985)

Tribe Cyclocephalini

Genus CYCLOCEPHALA Latreille														
Dichromina Casey														
Ochrosidia Casey														
Spilosota Casey														
C. borealis Arrow	–	–	–	–	–	–	–	–	–	–	NS	–	–	–
villosa Burmeister														
C. longula LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
abrupta (Casey)														
ambiens (Casey)														
californica Arrow														
marcida (Casey)														
modulata (Casey)														
obesula (Casey)														
oblongula (Casey)														
phasma (Casey)														
prona (Casey)														
reflexa (Casey)														
regulifrons (Casey)														
rustica (Casey)														

Tribe Pentodontini

Genus LIGYRUS Burmeister

(Subgenus LIGYRODES Casey)

L. relictus (Say)	–	–	–	–	–	–	MB	ON	PQ	NB	–	PE	–	–
clypealis (Casey)														
dawsoni (Casey)														
parviceps (Casey)														
quadripennis (Casey)														
vernicicollis (Casey)														

(Subgenus LIGYRUS s. str.)
(*Anagrylius* Casey)
(*Ligyrellus* Casey)

L. gibbosus gibbosus (DeGeer)	–	–	–	–	AB	–	–	ON	–	–	–	–	–	–
bicorniculatus Casey														
breviusculus Casey														
curtipennis Casey														
farctus Casey														
juvencus (Fabricius)														
lacustris Casey														
laetulus Casey														
laticauda Casey														
longulus Casey														
lucublandus Casey														
morio (LeConte)														
parallelus Casey														
puncticauda Casey														
remotus Casey														
rubidus Casey														
texanus Casey														
variolosus (Burmeister)														
virginicus Casey														

Genus APHONUS LeConte
Key to North American species: Gill and Howden (1985)

A. castaneus (Melsheimer)	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
cubiformis Casey														
obesus (Burmeister)														
saginatus Casey														
trapezicollis Casey														
A. tridentatus (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
aterrimus Casey														
congestus Casey														
elongatus Casey														
frater LeConte														
modulatus Casey														
politus Casey														
scutellaris Casey														

Tribe Oryctini

Genus XYLORYCTES Hope

X. jamaicensis (Drury)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
americanus (Palisot de Beauvois)														
faunus Casey														
hebes Casey														
lacustris Casey														
obsolescens Casey														
satyrus (Fabricius)														
tenuicornutus Casey														

Subfamily CETONIINAE
Tribe Cetoniini
Key to New World genera: Hardy (1988)

Genus EUPHORIA Burmeister
- *Erirhipidia* Casey
- *Erirhipis* Burmeister
- *Euphorhipis* Casey
- *Euphoriaspis* Casey
- *Haplophoria* Casey
- *Isorhipina* Casey
- *Rhipiphorina* Casey

E. fulgida (Fabricius)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
E. inda (Linné)	–	–	–	–	AB	SK	MB	ON	PQ	–	–	–	–	–
barbata (Say)														
brunnea (Gory & Percheron)														
marilandica (Frölich)														
nigripennis Klages														
E. rufobrunnea Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Tribe Cremastocheilini

Genus CREMASTOCHEILUS Knoch
Key to North American species: Potts (1945)

(Subgenus CREMASTOCHEILUS s. str.)

C. armatus Walker	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
cribripennis Casey														
densicollis Casey														
maritimus Casey														
montanus Casey														
obliquus Casey														
pilosicollis Horn														
C. canaliculatus Kirby	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
hentzi Harris														
C. castaneus Knoch	–	–	–	–	AB	SK	MB	–	–	–	NS	–	–	–
brevisetosus Casey														
lecontei Westwood														
pocularis Casey														
C. crinitus LeConte	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
bifoveatus Van Dyke														
pugetanus Casey														
C. knockii LeConte	–	–	–	–	–	SK	MB	–	–	–	–	–	–	–
areolatus Casey														
crenicollis Westwood														
gracilipes Casey														

(Subgenus ANATRINODIA Casey)

C. wheeleri LeConte	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–

Subfamily TRICHIINAE
Key to North American species: Howden (1968)
Tribe Osmodermini

Genus OSMODERMA LePeletier & Audinet-Serville
- *Gymnodus* Kirby

O. eremicola (Knoch)	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
O. scabra (Palisot de Beauvois)	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
beauvoisii Bainbridge														
caseyi Schenkling														
caviceps Casey														
delicatula Casey														
foveatus (Kirby)														
gracilipes Casey														
lacustrina Casey														
rugosa (Kirby)														
O. subplanata Casey	–	–	–	–	AB	–	MB	ON	–	–	–	–	–	–
montana Wickham														

Tribe Trichiini

Genus TRICHIOTINUS Casey

T. affinis (Gory & Percheron)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
parvulus Casey														
ventricosus Casey														
T. assimilis (Kirby)	–	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	–
bistriga (Newman)														
variabilis (Burmeister & Schaum)														
T. piger (Fabricius)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
drummondi (Gory & Percheron)														
reductus Casey														
rotundicollis (Kirby)														
T. viridans (Kirby)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Genus GNORIMELLA Casey

G. maculosa (Knoch)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
bigsbii (Kirby)														
dissimilis (Gory & Percheron)														

Superfamily Byrrhoidea
Family BYRRHIDAE pill beetles

P.J. Johnson

The family Byrrhidae is represented in Canada and Alaska by 26 of the 34 North American species, compared with about 280 species around the world. The greatest diversity of Canadian byrrhids is found in the montane provinces. All species in Canada are bryophagous and express microhabitat specificity. Many species are associated with the moss *Ceratodon purpureus* on disturbed sandy-gravelly soils. Species of the coastal forests of British Columbia and Alaska are closely associated with certain forest communities and are more polyphagous in their host mosses.

Taxonomically, the family is reasonably well known in North America. Johnson (1987) has treated the bionomics, larval taxonomy, and biogeography of the North American genera, and has provided a key to the North American taxa (1991*b*).

AK (14); YK (9); NT (13); BC (15); AB (12); SK (5); MB (7); ON (10); PQ (12); NB (2); NS (4); LB (5); NF (4) • H (3); I (2)

Subfamily SYNCALYPTINAE

Genus CHAETOPHORA Stephens

C. spinosa (Rossi)†	–	–	–	BC	–	–	–	ON	PQ	–	–	–	–	–

Genus CURIMOPSIS Ganglbauer
Key to North American species: Johnson (1986)

C. albonotata (LeConte)	–	YK	–	–	AB	–	–	–	–	–	–	–	–	–
grisea LeConte														
C. echinata (LeConte)	AK	–	NT	BC	AB	SK	–	–	PQ	–	–	–	–	–
brevicollis Casey														
C. moosilauke Johnson	AK	–	NT	–	AB	–	–	–	PQ	–	–	–	LB	–
C. setulosa (Mannerheim)	AK	–	NT	–	–	–	–	–	–	–	–	–	–	–

Subfamily BYRRHINAE
Tribe Byrrhini

Genus BYRRHUS Linné
Key to North American species: El-Moursy (1970)

B. americanus LeConte	–	–	–	–	–	–	MB	ON	PQ	–	NS	–	LB	–
angustulus Casey														
brunnescens Casey														

criddlei Casey														
imperitus Casey														
manitobae casey														
neglectus Casey														
B. concolor Kirby	AK	YK	NT	–	–	SK	–	–	–	–	–	–	–	–
laramiensis Casey														
rigens Casey														
B. cyclophorus Kirby	–	YK	NT	–	AB	SK	MB	ON	PQ	–	–	–	LB	–
canterius Casey														
difficilis Casey														
fasciatus auct.														
fulvovestitus Casey														
stolidus Casey														
torpidus Casey														
B. eximius LeConte	AK	YK	NT	BC	AB	–	–	–	–	–	–	–	–	–
callidus Casey														
centralis Casey														
explicatus Casey														
B. geminatus LeConte*	AK	YK	–	–	–	–	–	–	PQ	–	–	–	–	–
pacificus Casey														
pettiti Horn														
B. kirbyi LeConte	AK	YK	NT	BC	AB	–	MB	ON	PQ	NB	NS	–	LB	NF
consuetus Casey														
egenus Casey														
perditus Casey														
picipes Casey														
vafer Casey														
wickhami Casey														
B. pilula (Linné)*	–	–	NT	–	–	–	–	–	–	–	–	–	–	–

Genus PORCINOLUS Mulsant & Rey

P. undatus (Melsheimer)	–	–	–	–	AB	SK	MB	ON	PQ	–	–	–	–	–
crescentifer Casey														
glabellus Melsheimer														
hystrix Casey														
murinus Fabricius														

Tribe Simplocariini

Genus SIMPLOCARIA Stephens

S. elongata J.Sahlberg*	–	YK	NT	–	–	–	MB	ON	–	–	–	–	–	–
remota W.J. Brown														
S. metallica (Sturm)	–	–	NT	BC	AB	–	–	–	PQ	–	–	–	–	NF
columbica Casey														
subnuda Casey														
tesselata LeConte														
S. semistriata (Fabricius)†	–	–	–	BC	–	–	–	ON	PQ	–	NS	–	–	NF

Genus LIOLIGUS Casey

L. nitidus (Motschulsky)	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
aequabilis Casey														
keeni Casey														
striolatus Casey														

Genus LIOON Casey

L. simplicipes (Mannerheim)	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
puncticeps Casey														
inflatum LeConte														
speculare Casey														

Genus EXOMELLA Casey

Key to North American species: Johnson (1985)

E. pleuralis (Casey)	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–

Tribe Pedilophorini

Genus EUSOMALIA Casey														
E. lecontei (Wickham)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Genus LISTEMUS Casey														
L. acuminatus (Mannerheim) *formosus* Casey *satelles* Casey	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
Genus MORYCHUS Erichson														
M. aeneolus (LeConte) *lateralis* (Fall) *albertanus* (W.J. Brown) *subsetosus* (Fall) *hesperus* Wickham	AK	–	NT	BC	AB	–	MB	ON	–	–	–	–	–	–
M. oblongus (LeConte) *subcupreus* (Fall) *insulsus* Casey	AK	–	–	BC	AB	–	–	–	–	–	–	–	–	–

Tribe Tylicini

Genus TYLICUS Casey														
T. subcanus (LeConte)	–	YK	NT	BC	AB	SK	–	ON	PQ	–	–	–	–	–
Genus CYTILUS Erichson														
C. alternatus (Say) *nigrans* Casey	–	–	–	–	–	–	MB	ON	PQ	NB	NS	–	LB	NF
C. mimicus Casey *longulus* Casey	AK	YK	NT	BC	AB	–	–	–	–	–	–	–	–	–

Superfamily Buprestoidea

Family BUPRESTIDAE metallic wood-boring beetles

A. Davies

One hundred and fifty-two species of Buprestidae have been recorded in Canada and Alaska. The adults are usually found resting or ovipositing on the bark and foliage of trees and shrubs, and feed chiefly on pollen-rich flowers; they are also active fliers. The larvae develop mainly under the bark of the host plants, which are usually fairly specific, although a few are leafminers, gallmakers, and coniferous cone borers.

Major taxonomic treatments of the North American buprestids include those of LeConte (1860) and Chamberlin (1926). Bright (1987) provides keys and descriptions of the Canadian species; his handbook has been used as the basis for this checklist, with updated distributional data. Further revision of the species in such groups as Anthaxiinae is required before a proper subgeneric arrangement can be established. It should be noted that the number of species recorded in the northern regions does not reflect the number of species present but rather only the lack of collecting in those regions.

AK (11); YK (13); NT (18); BC (75); AB (57); SK (41); MB (63); ON (99); PQ (80); NB (36); NS (22); PE (7); LB (4); NF (5) • H (1); I (2)

Subfamily POLYCESTINAE
Tribe Polycestini

Genus CHRYSOPHANA LeConte

C. placida (LeConte)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
cupreola Van Dyke														
strandi Obenberger														

Subfamily ACMAEODERINAE
Tribe Acmaeoderini

Genus ACMAEODERA Eschscholtz

A. idahoensis Barr	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. pulchella (Herbst)	–	–	–	–	AB	–	MB	ON	–	–	–	–	–	–
arizonae Horn														
flavosignata Gory														
immaculata Horn														
mixta LeConte														
ornata Olivier														
volvulus Castelnau														
A. tubulus (Fabricius)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
culta (Weber)														
geranii (Harris)														
quattuordecimguttata (Fabricius)														
A. vandykei Fall	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. variegata LeConte	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
distincta Kerremans														
lucia Fall														

Genus ANAMBODERA Barr

A. gemina (Horn)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
nebulosa (Horn)														

Subfamily CHALCOPHORINAE
Tribe Chalcophorini

Genus CHALCOPHORA Solier

C. fortis LeConte	–	–	–	–	–	–	MB	ON	PQ	NB	–	–	–	–
cupreola Casey														
laurentica Casey														
C. liberta (Germar)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
borealis (Gory & Castelnau)														
parviceps Casey														
C. virginiensis (Drury)	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	–
angulicollis (LeConte)														
antennalis Casey														
brevicollis Casey														
cupreomaculata (Goeze)														
ingens Casey														
lacustris LeConte														
melanotum Muttkowski														
montana Casey														
novaeboracensis (Fitch)														
obliterata Casey														
obscurata (Fitch)														
oregonensis (Fitch)														
pallida Kerremans														
prominens Casey														

Genus TEXANIA Casey

T. campestris (Say)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
substrigosa (Gory & Castelnau)														

Subfamily BUPRESTINAE
Tribe Dicercini

Genus SPECTRALIA Casey

S. gracilipes (Melsheimer)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Genus DICERCA Eschscholtz
Argante Gistel
Stenuris Kirby
Key to North American species: Nelson (1975)

D. callosa callosa Casey	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
pertinax Casey														
rigida Casey														
tetrica Casey														
D. callosa frosti Nelson	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
D. caudata LeConte	–	–	NT	–	AB	SK	MB	ON	PQ	NB	NS	–	–	–
abrupta Casey														
biangulata Casey														
cupreola Casey														
filiola Casey														
inflatula Casey														
longicauda Casey														
pisciformis Casey														
D. crassicollis LeConte	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
californica Crotch														
hesperica Casey														
D. divaricata (Say)	–	–	–	–	–	–	MB	ON	PQ	NB	NS	–	–	–
aestiva Casey														
angusticauda Casey														
aurichalcea Melsheimer														
dubia Melsheimer														
incisa Casey														
limula Casey														
nigra Casey														
parumpunctata Melsheimer														
rustica Casey														
subaequalis Casey														
vancouveri Casey														
D. dumolini (Castelnau & Gory)	–	–	–	–	–	SK	MB	ON	PQ	–	–	–	–	–
consobrina Melsheimer														
D. hesperoborealis Hatch & Beer	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
D. horni Crotch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
ampliata Casey														
D. lugubris LeConte	–	–	NT	–	–	SK	MB	ON	PQ	NB	–	–	–	–
austera Casey														
lacustris LeConte														
morio Casey														
D. lurida (Fabricius)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
erosa Casey														
floridae Casey														
gaudens Casey														
gracilis Casey														
indistincta Melsheimer														
indurata Casey														
innocua Casey														
levettei Casey														
porcatula Casey														
pruinosa Gory														
regularis Casey														
sagax Casey														
seriata Casey														
truncata Casey														
D. pectorosa LeConte	–	–	–	BC	–	SK	–	–	–	–	–	–	–	–
D. pugionata (Germar)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
D. punctulata (Schönherr)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
pinorum Casey														
transversa Say														
D. sexualis Crotch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
D. tenebrica (Kirby)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	–
longipennis Casey														
prolongata LeConte														

severa Casey														
subargentea Casey														
subcuprea Casey														
sulcatula Casey														
D. tenebrosa (Kirby)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	–
acerba Casey														
bifoveata LeConte														
chrysea Melsheimer														
distinguenda (Castelnau & Gory)														
montana Casey														
mystica Casey														
stolida Casey														
wickhami Casey														
D. tuberculata (Castelnau & Gory)	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
asperata Castelnau														
hilaris LeConte														
manca LeConte														
molitor Melsheimer														
scobina Chevrolat														

Genus DESCARPENTRIESINA Leraut
Key to North American species: Evans (1957)

D. cyanipes (Say)	–	YK	NT	BC	AB	SK	MB	ON	PQ	NB	–	–	–	–
apicilla (Obenberger)														
collaris (Obenberger)														
cupripes (Casey)														
debilis (LeConte)														
erecta (Gory)														
parviceps (Casey)														
D. ferrea (Melsheimer)	–	–	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
D. fraseri (Chamberlin)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
D. montana (Chamberlin)	–	–	–	BC	–	–	MB	–	–	–	–	–	–	–
D. thureura (Say)	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
costicollis (Gory)														

Tribe Buprestini

Genus TRACHYKELE Marseul

T. blondeli Marseul	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
T. nimbosa Fall	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus BUPRESTIS Linné
Ancylochira Eschscholtz
Anoplis Kirby
Gymnota Gistel
Key to North American species: Helfer (1941)

B. adjecta (LeConte)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
brevis Casey														
B. aurulenta Linné	–	–	–	BC	AB	–	MB	ON	–	–	–	–	–	–
adulans Casey														
aemula Casey														
affinis Casey														
bicostata Dejean														
chrysochlora (Philippi)														
fabulosa Casey														
lauta (LeConte)														
nupta Casey														
prospera Casey														
radians (LeConte)														
tacomae Casey														
venusta Casey														
villosa (LeConte)														
B. confluenta Say	–	YK	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
tesselata Casey														
B. fasciata Fabricius	–	–	–	–	–	SK	MB	ON	PQ	NB	NS	–	–	–
fortunata Casey														
fulgens Casey														
lherminieri Chevrolat														
saturata Casey														

sexmaculata Hausmann														
sexplagiata (LeConte)														
B. intricata Casey	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
contortae Hopping														
murrayanae Hopping														
B. laeviventris (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
pugetana Casey														
B. langi Mannerheim	AK	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–
angusta Casey														
bistrinotata Casey														
callida Casey														
crenata Casey														
depressa Casey														
fastidiosa Casey														
graminea Casey														
incolumis Casey														
laeviceps Casey														
mediocris Casey														
obliqua Casey														
oregona Casey														
ornata (Walker)														
patruelis Casey														
seditiosa Casey														
viridimicans Casey														
B. lineata Fabricius	–	–	–	BC	–	–	MB	ON	PQ	–	NS	–	–	–
davisi Nicolay & Weiss														
B. lyrata Casey	–	–	–	BC	AB	SK	MB	ON	–	–	NS	–	–	–
acomana Casey														
adducta Casey														
caliginosa Casey														
fusca Casey														
lecontei Saunders														
morosa Casey														
nigricans Casey														
B. maculativentris Say	–	–	NT	–	AB	SK	MB	ON	PQ	NB	NS	PE	–	–
paganorum Kirby														
rusticorum Kirby														
sexnotata Gory & Castelnau														
B. maculipennis Gory	–	–	–	–	–	SK	MB	–	PQ	–	–	–	–	–
deficiens Casey														
fusiformis Casey														
inconstans Melsheimer														
leporina Casey														
reducta Casey														
scripta Casey														
B. nuttalli Kirby	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
alternans (LeConte)														
boulderensis Casey														
conicicauda Casey														
consularis Gory														
contorta Casey														
diruptans Casey														
flavopicta Casey														
gravidula Casey														
torva Casey														
B. salisburyensis Herbst	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
cazieri Helfer														
ultramarina Say														
B. striata Fabricius	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
canadensis Casey														
impedita Say														
obscura Casey														
B. subornata (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
adonea Casey														
histrio Casey														
punctiventris Casey														
rubronotans Casey														
violescens Casey														
B. sulcicollis (LeConte)	–	–	NT	–	AB	–	MB	ON	PQ	–	NS	–	–	NF
lateralis Casey														

Tribe Melanophilini

Genus MELANOPHILA Eschscholtz
Phaenops Dejean
Key to North American species: Sloop (1937)

M. abies Champlain & Knull	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
abietis Obenberger														
M. aeneola Melsheimer	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
metallica Melsheimer														
M. californica Van Dyke	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
M. drummondi drummondi (Kirby)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	–	–	LB	–
guttulata Mannerheim														
umbellatarum (Kirby)														
M. fulvoguttata (Harris)	–	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	NF
croceosignata (Castelnau & Gory)														
decolorata (Castelnau & Gory)														
harrisi Obenberger														
octospilota (Castelnau & Gory)														
pacifica Obenberger														
M. gentilis LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
prasina LeConte														
M. intrusa Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus OXYPTERIS Kirby
Apatura Castelnau & Gory

O. acuminata (DeGeer)*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	NF
appendiculata (Fabricius)														
immaculata (Mannerheim)														
longipes (Say)														
morio (Fabricius)														
O. occidentalis Obenberger	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Tribe Anthaxiini

Genus ANTHAXIA Eschscholtz

(Subgenus MELANTHAXIA Richter)

A. aeneogaster Castelnau & Gory	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
aerica Crotch														
grossa Obenberger														
strigata LeConte														
A. aenescens Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. inornata (Randall)	–	YK	NT	BC	AB	SK	MB	ON	PQ	NB	–	–	LB	–
expansa LeConte														
foveicollis LeConte														
imperfecta LeConte														
A. porella Barr	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. prasina Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
falsula Obenberger														
A. retifera LeConte	AK	YK	–	BC	–	–	MB	–	–	–	–	–	–	–

(Subgenus HAPLANTHAXIA Reitter)

A. deleta (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. pseudotsugae (Chamberlin)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. quercata (Fabricius)	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
cuneiformis (Gory)														
A. viridicornis (Say)	–	–	–	–	–	SK	MB	ON	PQ	–	–	–	–	–
subaenea (LeConte)														
viridifrons (Gory)														

Genus AGRILAXIA Kerremans

A. flavimana (Gory)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
gracilis (Melsheimer)														

Subfamily CHRYSOBOTHRINAE

Tribe Chrysobothrini

Key to North American species: Fisher (1942)

Genus CHRYSOBOTHRIS Eschscholtz
Knowltonia Fisher
Odontomus Kirby

C. adelpha Gemminger & Harold	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
soror LeConte														
C. aeneola LeConte	–	–	–	–	AB	SK	–	–	–	–	–	–	–	–
(?) *purpurata* Bland														
C. azurea LeConte	–	–	–	BC	AB	SK	–	ON	PQ	–	–	–	–	–
lecontei Leng														
C. beeri Barr	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. blanchardi Horn	–	–	–	–	AB	SK	MB	ON	PQ	NB	–	–	–	–
C. breviloba Fall	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
C. carinipennis LeConte	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
C. caurina Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. columbiana Barr	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. cribraria Mannerheim	–	–	NT	–	AB	SK	MB	ON	PQ	–	–	–	–	–
calcarata Melsheimer														
floricola Gory														
lata Kerremans														
C. dentipes (Germar)	–	–	NT	BC	AB	SK	MB	ON	PQ	NB	–	–	–	–
characteristica (Harris)														
planata Gory & Castelnau														
posticalis Gory & Castelnau														
rotundicollis Gory & Castelnau														
C. femorata (Olivier)	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	–
alabamae Gory														
dissimilis Dejean														
fastidiosa Gory														
insculpta (Herbst)														
lesueuri Gory & Castelnau														
misella LeConte														
nigritula Gory & Castelnau														
obscura LeConte														
quadriimpressa Gory & Castelnau														
C. monticola Fall	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
grandis Chamberlin														
C. harrisi (Hentz)	–	–	–	BC	AB	–	MB	ON	PQ	NB	NS	–	–	–
C. laricis Van Dyke	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
C. leechi Barr	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
C. mali Horn	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–
C. neopusilla Fisher	–	–	–	–	–	–	MB	ON	PQ	NB	NS	–	–	–
C. nixa Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. oregona Chamberlin	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
planomarginata Chamberlin														
C. orono Frost	–	–	–	–	–	–	MB	ON	–	–	–	–	–	–
C. pseudotsugae Van Dyke	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. pusilla Gory & Castelnau	–	–	–	–	–	–	MB	ON	PQ	NB	–	–	–	–
biguttata Gory & Castelnau														
strangulata Melsheimer														
C. rugosiceps Melsheimer	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
C. scabripennis Gory & Castelnau	–	–	NT	BC	AB	SK	MB	ON	PQ	NB	–	PE	–	–
proxima (Kirby)														
scabra Gory														
C. sexsignata (Say)	–	–	–	–	–	–	–	ON	PQ	NB	–	PE	–	–
germari Gory & Castelnau														
ignipes Gory & Castelnau														
sexguttata (Say)														
C. sylvania Fall	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. trinervia (Kirby)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	LB	NF
cicatricosa Motschulsky														
C. verdigripennis Frost	–	–	–	–	AB	SK	MB	ON	PQ	NB	NS	–	–	–
C. viridiceps Melsheimer	–	–	–	–	–	–	MB	ON	–	–	–	–	–	–
C. vulcanica LeConte	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
canadensis Chamberlin														

Subfamily AGRILINAE
Tribe Coraebini

Genus EUPRISTOCERUS Deyrolle
(?) *Rhaeboscelis* LeConte

E. cogitans (Weber)	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
ignarus (Fabricius)														
ruficollis (Herbst)														

Tribe Agrilini

Genus AGRILUS Curtis

A. acutipennis Mannerheim	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
latebrus Castelnau & Gory														
A. anxius Gory	AK	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
gravis LeConte														
torpidus LeConte														
A. arbuti Fisher	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
manzanitae Chamberlin														
A. arcuatus (Say)	–	–	–	–	–	–	MB	ON	PQ	NB	–	–	–	–
obliquus LeConte														
A. atricornis Fisher	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
A. aurichalceus Redtenbacher†	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
A. bilineatus bilineatus (Weber)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
aurolineatus Gory														
bivittatus Kirby														
flavolineatus Mannerheim														
trivittatus Horn														
A. bilineatus carpini Knull	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
A. burkei Fisher	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
A. celti Knull	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
A. cephalicus LeConte	–	–	–	BC	AB	–	MB	ON	PQ	–	–	–	–	–
A. crataegi Frost	–	–	–	–	AB	–	–	ON	PQ	–	–	–	–	–
A. criddlei Frost	–	–	–	–	–	SK	MB	ON	PQ	NB	–	–	–	–
A. crinicornis Horn	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
A. cyanescens (Ratzeburg)†	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
A. defectus LeConte	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
A. egenus Gory	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
A. fallax Say	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
impressipennis Uhler														
zemes Gory														
A. frosti Knull	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
A. geminatus (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
A. granulatus populi Fisher	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
trichocarpae Chamberlin														
A. horni Kerremans	–	–	–	–	–	–	MB	–	PQ	–	–	–	–	–
A. imbellis Crotch	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
A. juglandis Knull	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
A. lacustris LeConte	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
cuneus LeConte														
pubiventris Crotch														
A. lecontei Saunders	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
subfasciatus LeConte														
A. liragus Barter & W.J. Brown	–	–	–	BC	AB	SK	MB	ON	PQ	NB	–	–	–	–
A. malvastri Fisher	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
A. masculinus Horn	–	–	–	–	–	SK	MB	ON	PQ	–	–	–	–	–
A. nigricans Gory	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
auricomus Frost														
A. obsoletoguttatus Gory	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
interruptus LeConte														
subaeratus Harris														
A. otiosus Say	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
virens Gory														
A. parvus Saunders	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
pusillus Say														
A. pensus Horn	–	–	–	–	AB	SK	MB	ON	PQ	NB	NS	PE	–	–
betulae Fisher														
A. politus (Say)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	–
canadensis Obenberger														
cupreolus LeConte														

desertus LeConte														
plumbeus LeConte														
solitarius Harold														
A. pseudocoryli Fisher	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
A. putillus Say	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
A. ruficollis (Fabricius)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
cupricollis Gory														
A. sayi Saunders	–	–	–	–	–	–	–	–	PQ	NB	NS	–	–	–
browni Carlson & Knight														
lateralis (Say)														
A. subcinctus Gory	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
A. vittaticollis (Randall)	–	–	–	BC	–	–	–	ON	PQ	–	–	–	–	–
frenatus Gory														
A. walsinghami Crotch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Subfamily TRACHYINAE
Tribe Pachyschelini

Genus PACHYSCHELUS Solier

P. confusus Wellso & Manley	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
P. laevigatus (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
oblongus (Motschulsky)														
ovatus (Say)														
politus Kerremans														
punctatus (Gory)														
P. purpureus (Say)	–	–	–	–	AB	–	–	ON	–	–	–	–	–	–
biimpressus Motschulsky														

Tribe Brachyini

Genus BRACHYS Solier

B. aerosus Melsheimer	–	–	–	–	AB	SK	MB	ON	PQ	–	–	–	–	–
rufescens Nicolay & Weiss														
B. aeruginosus Gory	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
B. ovatus (Weber)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
aurulentus (Kirby)														
bellporti Nicolay & Weiss														
horni Kerremans														
laevicauda LeConte														
molestus Gory														
terminans Castelnau & Gory														

Genus TAPHROCERUS Solier

T. gracilis (Say)	–	–	–	–	AB	SK	MB	ON	PQ	–	–	–	–	–
alboguttatus (Mannerheim)														
grossus Obenberger														
texanus Kerremans														
T. nicolayi Obenberger	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
T. schaefferi Nicolay & Weiss	–	–	–	–	AB	SK	–	ON	–	–	–	–	–	–

Superfamily Dryopoidea

Family PTILODACTYLIDAE toed-winged beetles

L. LeSage

The family Ptilodactylidae, which is primarily tropical in distribution, comprises about 500 species around the world, but only three occur in Canada. Adults hide in the riparian vegetation or in the leaf litter during the day; they are easily attracted to light. Larvae of *Ptilodactyla* prefer moist or wet habitats, such as beaver houses or wet, decaying plant matter; those of *Anchytarsus* are truly aquatic, burrowing in submerged decaying wood in creeks (LeSage and Harper 1976*a*).

Stribling's recent key (1986) is useful for identifying the genera.

BC (1); MB (1); ON (2); PQ (3); PE (1)

Genus PTILODACTYLA Illiger
Key to North American species: Johnson & Freytag (1982)

P. serricollis (Say)	–	–	–	BC	–	–	MB	ON	PQ	–	–	PE	–	–
elaterina Guérin-Méneville														
fusca Melsheimer														
P. carinata Johnson & Freytag	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–

Genus ANCHYTARSUS Guérin-Méneville
Key to North American species: Stribling (1986)

A. bicolor (Melsheimer)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
ater Guérin-Méneville														
debilis Ziegler														

Family HETEROCERIDAE variegated mud-loving beetles

L. LeSage

Heterocerids are represented in Canada and Alaska by 25 species. The adults are nocturnal and are readily attracted to light. During the day they hide and make tunnels in sandy areas near water courses or standing water, a behavior shared by the larvae. Adults and larvae feed on zooplankton, diatoms, and algae.

Pacheco (1964) proposed a drastic change in the traditional treatment of the family when he described 15 new genera and restricted the genus *Heterocerus* to the Old World. Although several of his new genera are questionable, his classification has been followed for this checklist except for the genus *Dampfius*, which was recently placed in synonymy with *Heterocerus* by Miller (1988*b*). The Canadian fauna is relatively well known, but new species are still being discovered (Miller 1988*a*, 1988*b*). Both the arctic and the maritime fauna have been little surveyed. Pacheco (1978) has recently cataloged the North American species.

AK (2); YK (4); NT (5); BC (9); AB (16); SK (14); MB (19); ON (16); PQ (16); NB (5); PE (1)

Tribe Augyliini

Genus EXPLORATOR Pacheco

E. canadensis (Fall)	AK	YK	NT	–	AB	SK	MB	–	–	–	–	–	–	–

Genus CENTURIATUS Pacheco

C. auromicans (Kiesenwetter)	–	–	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
C. compactus (Fall)	–	–	–	–	AB	–	MB	–	PQ	–	–	–	–	–

Genus MICROAUGYLES Pacheco

M. moleculus (Fall)	–	–	–	–	AB	SK	MB	–	PQ	–	–	–	–	–
M. mundulus (Fall)	–	–	–	–	AB	–	–	–	–	–	–	–	–	–

Tribe Heterocerini

Genus LANTERNARIUS Pacheco

L. brunneus (Melsheimer)	–	–	NT	BC	AB	SK	MB	ON	PQ	–	–	PE	–	–
L. gemmatus (Horn)	–	–	–	BC	AB	SK	–	–	–	–	–	–	–	–
L. mollinus (Kiesenwetter)	–	–	–	–	AB	SK	MB	ON	PQ	–	–	–	–	–
L. parrotus Pacheco	–	–	NT	BC	AB	SK	MB	ON	PQ	NB	–	–	–	–
L. sinuosus Pacheco	–	YK	NT	BC	AB	SK	MB	–	–	–	–	–	–	–

Genus NEOHETEROCERUS Pacheco

N. fatuus (Kiesenwetter)	–	–	–	–	–	–	MB	ON	–	NB	–	–	–	–
N. gnatho (LeConte)	–	YK	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
labratus (LeConte)														
N. longilobulus Pacheco	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
N. pallidus (Say)	–	–	–	–	AB	SK	MB	ON	PQ	NB	–	–	–	–
ventralis (Melsheimer)														
N. sandersoni Pacheco	–	–	–	–	–	–	MB	–	–	–	–	–	–	–

Genus HETEROCERUS Fabricius
Dampfius Pacheco
Key to North American species: Miller (1988*b*)

H. collaris (Kiesenwetter)	–	–	–	–	–	SK	MB	ON	PQ	–	–	–	–	–
H. inciertus (Pacheco)	–	–	–	BC	AB	–	MB	ON	PQ	–	–	–	–	–
H. mexicanus Sharp	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
H. subtilis W.V. Miller	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
H. undatus (Melsheimer)	–	–	–	–	AB	SK	MB	ON	PQ	NB	–	–	–	–
H. unicus W.V. Miller	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–

Genus PEDITATUS Pacheco

P. schwarzi (Horn)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
P. tenuis (W.V. Miller)	–	–	–	–	–	–	MB	ON	–	–	–	–	–	–

Genus LAPSUS Pacheco

L. tristis (Mannerheim)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	–	–	–	–

Tribe Tropicini

Genus TROPICUS Pacheco

T. pusillus (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
americanus (Sharp)														
limbatus (Kiesenwetter)														
luteolus (LeConte)														

Family LIMNICHIDAE minute marsh-loving beetles

L. LeSage

Of the three subfamilies and 15 genera of Limnichidae described in the Western Hemisphere, only two genera and four species occur in Canada. Adults of limnichids are usually active during the day near water in leaf litter; they are readily attracted to light. The larvae are rarely collected and are not represented in most collections. Paulus (1970) first described the immature stages of two European species: they are terrestrial, live in moist soil, and tunnel under layers of mosses and algae, which they use as food.

This group of beetles was first considered as a tribe of Byrrhidae, but Hinton (1939*a*, 1939*b*) elevated it to family rank and placed it in the superfamily Dryopoidea, after a study of the internal anatomy. The North American limnichid fauna is now well known after a series of recent revisions by Wooldridge, who also published a catalog of the North American species in 1986.

BC (1); MB (1); ON (4); PQ (2)

Subfamily LIMNICHINAE
Tribe Limnichini

Key to North American genera: Wooldridge (1975)

Genus LIMNICHITES Casey
Key to North American species: Wooldridge (1977)

L. huronicus Casey	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
L. olivaceus (LeConte)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
virginicus Casey														
L. punctatus (LeConte)	–	–	–	BC	–	–	MB	ON	PQ	–	–	–	–	–
austinianus Casey														

Genus LUTROCHUS Erichson
Key to North American species: Brown (1972)

L. laticeps Casey	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Family DRYOPIDAE long-toed water beetles

L. LeSage

Dryopidae includes over 200 species around the world, but only six occur in Canada. Adults are essentially phytophagous, feeding on diatoms, algae, and decaying wood. The truly aquatic adults of *Helichus* inhabit riffles of water courses, using a hydrofuge plastron for breathing, as do elmids. Adults of *Dryops* are typically riparian. They can take flight directly from water surface when disturbed. Dryopid larvae are rarely collected; the few specimens collected were found in moist soil on banks of creeks where the adults live.

The family has not been revised since Brown (1972) put together all the taxonomic information. The Canadian fauna is reasonably well known for Quebec and Ontario (LeSage and Harper 1975). Brown (1983*a*) recently published a catalog of the North American species.

BC (2); AB (1); SK (1); MB (1); ON (2); PQ (5); NB (2); NS (2); PE (1); NF (1) • I (1)

Genus DRYOPS Olivier

(Subgenus YRDOPS Steffan)

D. viennensis (Heer)†	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–

Genus HELICHUS Erichson
Key to North American species: Musgrave (1935); Brown (1972)

H. basalis LeConte	–	–	–	–	–	–	–	–	PQ	NB	NS	–	–	–
H. columbianus W.J. Brown	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
H. fastigiatus (Say)	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
H. lithophilus (Germar)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
H. striatus LeConte	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	NF
foveatus LeConte														

Family ELMIDAE riffle beetles

L. LeSage

Elmidae comprises about 1100 species around the world; 32 of them occur in Canada. Elmids are small beetles, usually less than 3 mm long, and most are aquatic in both the adult and the larval stages. Adults breathe by means of a hydrofuge ventral plastron, the larvae with retractile cloacal gills. Adults and larvae inhabit the substratum of creeks and rivers, feeding on diatoms, encrusted algae detritus, or submerged decaying wood (LeSage and Harper 1976*b*); they are good indicators of water quality (Hilsenhoff 1977). Pupation occurs near water, under rocks or pieces of wood, and in moist soil. Adults fly and are often attracted to light, usually soon after emergence. Their hydrofuge plastron used for breathing enables them to stay under water for the rest of their life, which, incidentally, may last for several years. Old specimens are easily recognized by their encrusted body, which often carries peritrich ciliates.

The family Elmidae is usually split into two subfamilies (Brown 1972). The North American fauna is relatively well known as a result of Brown's generic treatment (1972), his catalog (1983*c*), and the recent revisions of the genera *Dubiraphia* and *Optioservus*. *Stenelmis*, the largest genus, is now under revision. A systematic survey of the eastern Canadian fauna undertaken by LeSage and Harper (1975) focuses on Quebec. The fauna of the Prairie Provinces, western Canada, and the Arctic is still poorly known. The present list adds many new provincial records based on specimens accumulated by the author since Brown's work and on several unpublished records generously provided by H.G. Nelson of the Field Museum of Natural History.

YK (1); NT (1); BC (14); AB (11); SK (4); MB (7); ON (16); PQ (21); NB (10); NS (11); PE (5); LB (2); NF (5)

Subfamily LARINAE

Tribe Larini

Key to genera: Brown (1981)

Genus LARA LeConte
Key to North American species: Brown (1972)

L. avara amplipennis Darlington	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
L. avara avara LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Subfamily ELMINAE

Tribe Ancyronychini

Genus ANCYRONYX Erichson

A. variegata (Germar)	–	–	–	–	–	–	–	–	ON	PQ	–	–	–	–
cincta (Say)														
parumoculata (Hardy)														

Tribe Elmini

Genus CLEPTELMIS Sanderson

C. ornata (Schaeffer)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–

Genus DUBIRAPHIA Sanderson
Key to North American species: Hilsenhoff (1973)

D. bivittata (LeConte)	–	–	–	–	AB	–	MB	ON	PQ	–	–	–	–	–
D. minima Hilsenhoff	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
D. quadrinotata (Say)	–	–	–	–	–	–	MB	ON	PQ	NB	NS	PE	–	–
D. vittata (Melsheimer)	–	–	–	–	AB	SK	MB	ON	PQ	–	NS	–	–	–

Genus HETERLIMNIUS Hinton *Ceralimnius* Hinton Key to North American species: Brown (1972)														
H. corpulentus (LeConte) *antennatus* (Fall)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
H. koebelei (Martin)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
Genus MICROCYLLOEPUS Hinton Key to North American species: La Rivers (1949)														
M. pusillus pusillus (LeConte) *browni* (Hatch)	–	–	–	BC	–	–	–	ON	PQ	NB	–	–	–	–
Genus NARPUS Casey														
N. concolor (LeConte) *solutus* (W.J. Brown)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
Genus OPTIOSERVUS Sanderson Key to North American species: White (1978)														
O. divergens (LeConte) *pecosensis* (Fall)	–	–	–	BC	AB	SK	–	–	–	–	–	–	–	–
O. fastiditus (LeConte)	–	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	NF
O. quadrimaculatus (Horn)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
O. ovalis (LeConte) *ampliatus* (Fall)	–	–	–	–	–	–	–	ON	PQ	NB	NS	PE	LB	–
O. seriatus (LeConte)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
O. trivittatus (W.J. Brown)	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	NF
Genus OULIMNIUS des Gozis														
O. latiusculus (LeConte)	–	–	–	–	–	–	–	ON	PQ	NB	NS	PE	–	NF
Genus ORDOBREVIA Sanderson														
O. nubifera (Fall)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Genus PROMORESIA Sanderson Key to North American species: Brown (1972)														
P. elegans (LeConte)	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
P. tardella (Fall) *subarctica* (W.J. Brown)	–	–	–	–	–	–	–	–	PQ	NB	NS	–	LB	NF
Genus STENELMIS Dufour Key to North American species: Brown (1972)														
S. bicarinata LeConte	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
S. concinna Sanderson	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
S. crenata (Say) *sordida* Motschulsky	–	–	–	–	–	–	MB	ON	PQ	NB	NS	PE	–	NF
S. mera Sanderson	–	–	–	–	–	–	–	–	PQ	NB	NS	–	–	–
S. musgravei Sanderson	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
S. quadrimaculata Horn *blatchleyi* Musgrave *sulcata* Blatchley	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
S. sandersoni Musgrave *tarsalis* Sanderson	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
S. vittipennis Zimmermann	–	–	–	–	–	SK	MB	ON	PQ	–	–	–	–	–

Tribe Macronychini

Genus MACRONYCHUS P.W.J. Müller Key to North American species: Hinton (1940)														
M. glabratus Say *lateralis* Melsheimer	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
Genus ZAITZEVIA Champion														
Z. milleri H.P. Brown	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Z. parvula (Horn) *columbiensis* (Angell)	–	YK	–	BC	AB	–	–	–	–	–	–	–	–	–

Family PSEPHENIDAE water-penny beetles

L. LeSage

Psephenids form a small family of aquatic beetles; only three species have been recorded so far in Canada. Their vernacular name refers to the unique round and flat shape of the body of the larvae, which live in riffles of creeks and rivers. The adults of *Ectopria* spend the daytime in the foliage of marginal vegetation; they are readily attracted to light. Those of *Psephenus* scurry over exposed rocks in riffles during the day and hide at night.

The taxonomy of the North American psephenids is relatively well known, thanks to the works of Brown (1972, 1983*b*), Brown and Murvosh (1974), and Brigham (1981).

ON (3); PQ (2); NB (1); NS (2)

Subfamily EUBRIINAE

Genus ECTOPRIA LeConte
Eurea LeConte
Key to North American species: Brigham (1981)

E. leechi Brigham	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
E. nervosa (Melsheimer)	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
tarsalis LeConte														
thoracica (Ziegler)														
tibialis LeConte														

Subfamily PSEPHENINAE

Genus PSEPHENUS Haldeman
Eurypalpus LeConte
Fluvicola DeKay
Key to North American species: Brown & Murvosh (1974)

P. herricki (DeKay)	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
lecontei (LeConte)														
trentonensis Zimmermann														

Superfamily Elateroidea

Family ARTEMATOPIDAE

Y. Bousquet

This family includes eight North American species, four of which are currently known to occur in Canada. Little is known about the bionomics of the Nearctic species. The adults are usually found on foliage; the larvae of some species have been reared on mosses (Lawrence 1982*a*).

Lawrence (1982*a*) recognized three subfamilies of Artematopidae, Macropogoninae being the only one found in North America. Many authors, including Arnett (1968), have placed the macropogonines within Dascillidae.

NT (1); BC (3); AB (1); MB (1); ON (2); PQ (2); NB (1)

Subfamily MACROPOGONINAE

Genus MACROPOGON Motschulsky
Key to North American species: Hopping (1936)

M. piceus LeConte	–	–	NT	BC	AB	–	MB	ON	PQ	NB	–	–	–	–
dubius W.J. Brown														
rufipes Horn														
M. testaceipennis Motschulsky	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

cribricollis W.J. Brown
rubricollis Pic

Genus EURYPOGON Motschulsky
Dasypogon LeConte

E. californicus Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
E. niger (Melsheimer)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
harrisi (Westwood)														

Family ELATERIDAE click beetles

Y. Bousquet

This family is well known for the ability of the adults to click when lying on their back. It includes 369 species and subspecies in Canada and Alaska. The adults occur on foliage and flowers, under bark, and in rotting wood; the larvae are found in leaf litter, soil, moss, and rotting wood. Larvae of most species living in leaf litter and rotting wood are predaceous; those occurring in the soil feed on roots, and some are very injurious to crops. Adults of some species apparently do not feed, whereas those of other species probably feed on tender plant tissues, such as leaves and flower buds.

The classification of the family followed here is Hyslop's (1917), with slight modification. His classification is preferred Stibick's (1979), as it is used more widely. There is no recent taxonomic revision of the North American species. Most species that occur in the areas covered in this checklist could be identified using Dietrich (1945), Brooks (1961), Lane and Lancaster (1971), and the taxonomic revisions listed.

AK (53); YK (32); NT (49); BC (194); AB (131); SK (88); MB (99); ON (175); PQ (165); NB (81); NS (87); PE (21); LB (25); NF (46) • H (6); I (5)

Subfamily PYROPHORINAE
Tribe Pyrophorini

Genus LACON Castelnau
Aulacon Arnett
Diphyaulon Arnett
Lepidotus Stephens
Zalepia Arnett
Key to North American species: Arnett (1952)

L. auroratus (Say)	–	–	–	–	AB	–	MB	ON	PQ	NB	–	–	–	–
L. avitus (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
L. discoideus (Weber)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
pennatus (Fabricius)														
L. impressicollis (Say)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
lepturus (Say)														
senilis (Germar)														
L. maculatus (LeConte)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
L. marmoratus (Fabricius)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
L. rorulentus (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
L. sparsus (Candèze)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus DANOSOMA Thompson
Key to North American species: Arnett (1952)

D. brevicorne (LeConte)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	–	–	–	–
cavicolle (LeConte)														
profusum (Candèze)														
vetustum (Walker)														
D. obtectum (Say)	–	YK	NT	BC	AB	SK	MB	ON	PQ	–	NS	–	–	–

Genus ALAUS Eschscholtz

A. melanops LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
naja Candèze														
A. myops (Fabricius)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
canadensis Candèze														
A. oculatus (Linné)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
luscus (Fabricius)														

Genus DRASTERIUS Eschscholtz														
D. debilis LeConte	AK	YK	–	BC	AB	SK	MB	ON	PQ	NB	NS	–	LB	NF
incongruus Fall														
Genus AEOLUS Eschscholtz														
A. amabilis (LeConte)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
A. mellillus comis (LeConte)	–	–	NT	BC	AB	–	–	–	–	–	–	–	–	–
A. mellillus marginicollis (Horn)	–	–	–	–	–	SK	MB	–	–	–	–	–	–	–
A. mellillus mellillus (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
dorsalis (Say)														
Genus CONODERUS Eschscholtz														
C. auritus (Herbst)	–	–	–	–	AB	SK	MB	ON	PQ	–	NS	–	–	–
caseyi (Leng)														
crassicollis (Melsheimer)														
dilectus (Say)														
C. bellus (Say)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
pictus (Steinheil)														
variegatus (Steinheil)														

Tribe Pityobini

Genus PITYOBIUS LeConte														
P. anguinus LeConte	–	–	–	–	AB	SK	MB	ON	PQ	NB	NS	–	–	–
billingsi Bland														

Tribe Athoini

Genus LIMONIUS Eschscholtz														
L. aeger LeConte	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF
knulli Fall														
L. agonus (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
L. anceps LeConte	–	–	–	–	–	SK	MB	ON	PQ	NB	–	–	–	–
L. aurifer LeConte	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
L. auripilis (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
pubicollis (LeConte)														
L. basillaris (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
semiaeneus LeConte														
L. bicolor Van Dyke	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
L. californicus (Mannerheim)	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–
hispidus LeConte														
occidentalis Candèze														
L. canus LeConte	–	–	–	BC	AB	SK	–	–	–	–	–	–	–	–
discoideus LeConte														
subcostatus Motschulsky														
L. confusus LeConte	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
aenescens LeConte														
L. crotchi Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
L. ectypus (Say)	–	–	–	–	–	SK	MB	–	–	–	–	–	–	–
L. griseus (Palisot de Beauvois)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
hirticollis Melsheimer														
propexus Candèze														
L. humidus Lane	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
L. infuscatus Motschulsky	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
L. lanei Van Dyke	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–
L. lecontei Lane	–	–	–	BC	AB	SK	–	–	–	–	–	–	–	–
consimilis Walker														
nitidicollis LeConte														
L. maculicollis Motschulsky	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
discicollis Candèze														
L. nitidulus Horn	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
L. pectoralis LeConte	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	–	–	LB	NF
L. pictus Van Dyke	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
L. pilosulus Candèze	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
pilosus LeConte														
L. plebejus (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
metallescens Melsheimer														

L. quercinus (Say)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
L. rudis W.J. Brown	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
L. rufihumeralis Lane	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
L. seminudus Van Dyke	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
L. snakensis Lane	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
L. stigma (Herbst)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
armus (Say)														
L. subauratus LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
L. ursinus Van Dyke	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
L. venabelsi Wickham	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus ELATHOUS Reitter

E. californicus Van Dyke	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
E. discalceatus (Say)	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
oberndorfferi (Schwarz)														
E. nebulosus (Van Dyke)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus ATHOUS Eschscholtz
Crepidophorus Mulsant & Guillebeau
Key to eastern North American species: Becker (1974)
Key to North American species: Becker (1979)

A. acanthus (Say)	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
carolinus Van Dyke														
flavangularis Horn														
maculicollis LeConte														
A. brightwelli (Kirby)	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
arcticollis Melsheimer														
oblongicollis Melsheimer														
A. campyloides Newman†	–	–	–	–	–	–	–	–	PQ	NB	NS	PE	–	–
affinis Couper														
A. cucullatus (Say)	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
hypoleucus Melsheimer														
procericollis Melsheimer														
strigatus Melsheimer														
A. fossularis (LeConte)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
A. imitans Fall	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. neacanthus Becker	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
A. nigropilis Motschulsky	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
montanus LeConte														
nugalis Fall														
orophilus Harold														
speculifer Fall														
A. orvus Becker	–	–	–	–	–	–	–	ON	PQ	NB	NS	PE	–	–
A. posticus (Melsheimer)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
erebus Van Dyke														
A. productus (Randall)	–	–	–	–	–	SK	MB	ON	PQ	–	–	–	–	NF
bipunctatus Provancher														
A. rufifrons (Randall)	–	–	–	–	–	–	MB	ON	PQ	NB	NS	–	–	NF
lengi Dury														
reflexus LeConte														
A. rufiventris rectithorax Reitter	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
recticollis Fall														
A. rufiventris rufiventris (Eschscholtz)	AK	–	–	BC	AB	–	–	–	–	–	–	–	–	–
ferruginosus Eschscholtz														
maritimus Van Dyke														
A. scapularis (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
A. scissus LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
ingens Fall														
A. sierrae varius Lane	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. vittiger LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus HARMINIUS Fairmaire

H. triundulatus (Mannerheim)	AK	YK	–	BC	–	SK	–	ON	PQ	–	–	–	–	–

Genus MICRATHOUS Lane

M. brevis (Van Dyke)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus DENTICOLLIS Piller & Mitterpacher
Key to North American species: Becker (1952)

D. denticornis (Kirby)	–	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
flavinasus (Melsheimer)														
D. varians (Germar)	AK	YK	NT	BC	–	–	–	–	–	–	–	–	–	–
variabilis (Eschscholtz)														
Genus BERNINELSONIUS Leseigneur														
Key to species: Stibick (1976)														
B. hyperboreus (Gyllenhal)*	AK	YK	NT	–	–	–	–	–	–	–	–	–	–	–
planatus (Eschscholtz)														
Genus LIGMARGUS Stibick														
Key to North American species: Stibick (1976)														
L. funebris (Candèze)	AK	YK	NT	BC	AB	–	–	–	–	–	–	–	–	–
L. lecontei (Leng)	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
planatus (LeConte)														
Genus ASCOLIOCERUS Méquignon														
Scoliocerus Motschulsky														
Key to North American species: Stibick (1978)														
A. sanborni (Horn)*	AK	YK	NT	–	AB	–	MB	–	PQ	–	–	–	LB	NF
barbatus (J.R. Sahlberg)														
Genus MARGAIOSTUS Stibick														
Key to North American species: Stibick (1978)														
(Subgenus MARGAIOSTUS s. str.)														
M. glacialis (Van Dyke)	AK	–	–	BC	AB	–	–	–	–	–	–	–	–	–
M. grandicollis (LeConte)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
Genus HYPOLITHUS Eschscholtz														
Cryptohypnus Eschscholtz														
Key to North American species: Stibick (1978)														
H. littoralis Eschscholtz*	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
Genus HYPNOIDUS Dillwyn														
Key to North American species: Stibick (1978)														
H. abbreviatus (Say)	AK	YK	–	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	NF
silaceipes (Germar)														
H. bicolor (Eschscholtz)*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	LB	NF
fallax (Mannerheim)														
lacustris (LeConte)														
limbatus (Mannerheim)														
picescens (LeConte)														
pumilus (Dejean)														
scarificatus (Mannerheim)														
vestitus (Mannerheim)														
H. impressicollis (Mannerheim)	AK	YK	NT	BC	AB	–	MB	ON	PQ	–	–	–	LB	NF
H. leei Stibick	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
H. nocturnus (Eschscholtz)	AK	YK	–	BC	AB	–	–	–	–	–	–	–	–	–
H. rivularius (Gyllenhal)*	AK	YK	NT	BC	–	SK	MB	–	PQ	–	–	–	LB	NF
H. squalidus (LeConte)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
Genus OEDOSTETHUS LeConte														
O. femoralis LeConte	–	–	–	–	AB	SK	MB	ON	PQ	NB	–	–	–	–
Genus NEGASTRIUS Thomson														
N. caurinus (Horn)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
N. choris (Say)	–	–	–	–	AB	SK	MB	ON	PQ	–	–	–	–	–
N. delumbis (Horn)	–	–	–	–	–	–	–	–	–	NB	NS	PE	–	–
N. dispersus (Horn)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
N. dubius (Horn)	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
N. exiguus (Randall)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
guttatulus (Melsheimer)														
N. extricatus (Fall)	AK	YK	NT	BC	–	–	–	–	–	–	–	–	–	–
N. gentilis (LeConte)	–	–	–	BC	AB	SK	–	–	–	–	–	–	–	–
N. manki (Fall)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
N. melsheimeri (Horn)	–	–	–	–	–	–	–	–	PQ	NB	NS	–	–	–
N. musculus (Eschscholtz)	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–

N. obliquatulus (Melsheimer)	–	–	–	–	–	–	–	ON	–	–	NS	–	–	–
N. ornatus (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
colon (Horn)														
moerens (Horn)														
N. pectoralis (Say)	–	–	–	BC	AB	SK	MB	ON	PQ	–	NS	–	–	–
futilis (LeConte)														
inops (LeConte)														
N. restrictulus (Mannerheim)	AK	YK	NT	–	–	–	–	–	PQ	–	–	–	–	–
N. striatulus (LeConte)	AK	–	–	BC	AB	–	–	ON	PQ	NB	NS	–	–	–
N. tumescens LeConte	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	–
Genus CTENICERA Latreille														
Corymbites Latreille														
C. aeripennis (Kirby)	AK	YK	NT	BC	AB	SK	–	–	–	–	–	–	–	–
tincta (LeConte)														
C. angularis (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. angusticollis (Mannerheim)	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
fraterna (LeConte)														
spectabilis (Mannerheim)														
C. appressa (Randall)	–	–	–	–	–	–	–	ON	PQ	NB	–	–	?	NF
mirifica LeConte														
C. appropinquans (Randall)	–	–	–	–	–	SK	MB	ON	PQ	NB	NS	PE	–	NF
C. arata (LeConte)	–	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
C. atropurpurea (Melsheimer)	–	–	–	–	–	–	–	–	PQ	–	–	–	–	NF
C. bipunctata (W.J. Brown)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
C. bombycina (Germar)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
C. callida (W.J. Brown)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. carbo LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. caricina (Germar)	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. comes (W.J. Brown)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. confluens (Gebler)	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
C. conjungens (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. consors (W.J. Brown)	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
C. crestonensis (W.J. Brown)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
C. cylindriformis (Herbst)	–	–	–	–	–	–	–	ON	PQ	NB	NS	PE	–	–
appressifrons (Say)														
brevicornis (Say)														
parallelipipeda (Germar)														
submetallica (Germar)														
C. destructor (W.J. Brown)	–	–	NT	–	AB	SK	MB	–	–	–	–	–	–	–
C. diversicolor (Eschscholtz)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. dorothyae Knull	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
C. elongaticollis (Hamilton)	–	–	–	–	–	–	–	–	PQ	NB	NS	–	–	–
C. fallax (Say)	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
C. falsifica (LeConte)	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	NF
C. fulvipes (Bland)	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
C. funerea (W.J. Brown)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. furtiva (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
monticola Horn														
C. glauca (Germar)	–	–	–	BC	AB	SK	–	–	–	–	–	–	–	–
similissima (Motschulsky)														
C. hamata (Say)	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
C. hieroglyphica (Say)	–	–	–	–	–	–	MB	ON	PQ	NB	NS	–	–	–
C. hoppingi (Van Dyke)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	–	–	–	?
C. inflata (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
C. insidiosa (LeConte)	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
C. kendalli Kirby	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	–	–	–	NF
anchorago (Randall)														
C. laricis (W.J.Brown)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
C. lateralis (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
quadrivittata (Walker)														
vittata (Walker)														
C. limoniiformis (Horn)	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
C. lobata (Eschscholtz)	AK	–	NT	–	–	–	–	–	–	–	–	–	–	–
telum (LeConte)														
C. lutescens (Fall)	–	–	–	BC	AB	SK	–	–	–	–	–	–	–	–
C. maura (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. mediana (Germar)	–	–	NT	–	AB	SK	MB	ON	PQ	NB	NS	–	–	–
rubidipennis (LeConte)														
C. mendax (LeConte)	AK	YK	NT	BC	AB	SK	–	ON	PQ	–	–	–	–	NF

C. moerens (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. montana (W.J. Brown)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
C. morula (LeConte)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	–	–	LB	–
brunnipes (Bland)														
C. nebraskensis (Bland)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
C. nigricans (Fall)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. nigricollis (Bland)	AK	–	–	BC	AB	–	MB	ON	PQ	–	–	–	–	–
C. nitidula (LeConte)	AK	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF
C. ochreipennis (LeConte)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	–	–	LB	NF
C. opacula (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
serricornis (Mannerheim)														
C. propola columbiana (W.J. Brown)	AK	YK	–	BC	AB	–	–	–	–	–	–	–	–	–
C. propola propola (LeConte)	–	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	–
furcifer (LeConte)														
C. protracta (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. pruinina (Horn)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
noxia (Hyslop)														
pruinosa (Schwarz)														
pruinosula (Schwarz)														
C. pudica (W.J. Brown)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
C. pulchra (LeConte)	–	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	–
festiva (LeConte)														
C. pygmaea (Van Dyke)	–	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
C. pyrrhos (Herbst)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
aequalis (Melsheimer)														
pyrrhica (Haldeman)														
vagrans (Melsheimer)														
C. resplendens aeraria (Randall)	?	–	NT	?	AB	SK	MB	ON	PQ	NB	NS	–	LB	NF
junki (Schenkling)														
racinei (Chevrolat)														
viridis (Germar)														
C. resplendens resplendens (Eschscholtz)	AK	–	NT	BC	AB	SK	–	–	–	–	–	–	–	–
C. rotundicollis (Say)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
russicollis (Germar)														
stictica (Germar)														
C. rufopleuralis (Fall)	–	–	–	–	–	–	MB	ON	PQ	NB	NS	PE	–	–
C. rupestris (Germar)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. sagitticollis (Eschscholtz)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. semimetallica (Walker)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
C. sexualis (W.J. Brown)	–	–	–	–	AB	SK	–	–	–	–	–	–	–	–
C. silvatica Van Dyke	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
C. sjaelandica (O.F. Müller)†	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
viridis (Say)														
C. spinosa (LeConte)	–	–	–	–	–	–	MB	ON	PQ	NB	NS	–	–	NF
C. splendens (Ziegler)	–	–	–	–	AB	SK	MB	ON	PQ	NB	NS	–	–	–
C. stricklandi (W.J. Brown)	AK	–	NT	BC	AB	SK	MB	ON	–	–	–	–	–	–
C. suckleyi suckleyi (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. sulcicollis (Say)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
parallela (Say)														
C. tarsalis (Melsheimer)	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
C. tristis (Candèze)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. triundulata (Randall)	AK	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF
C. uliginosa (Van Dyke)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. umbricola (Eschscholtz)	AK	–	–	BC	AB	–	–	–	–	–	–	–	–	–
rudis (Motschulsky)														
C. umbripennis (LeConte)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
gracilior (LeConte)														
nubilipennis (LeConte)														
C. vernalis (Hentz)	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
C. vidua (W.J. Brown)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
C. volitans (Eschscholtz)	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
varia (W.J. Brown)														
C. vulnerata (LeConte)	–	–	–	–	–	–	–	–	PQ	–	NS	–	–	–
C. watsoni (W.J. Brown)	–	–	–	–	–	–	–	–	PQ	–	–	–	LB	–
C. weidtii (Angell)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus OXYGONUS LeConte
Key to North American species: Roache (1963)

O. montanus Schaeffer	–	–	–	–	–	–	–	–	PQ	NB	NS	–	–	–

O. obesus (Say)	–	–	–	–	AB	–	MB	ON	PQ	–	–	–	–	–
acutipennis (Randall)														
Genus EANUS LeConte														
Paranomus Kiesenwetter														
E. albertanus W.J. Brown	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
E. decoratus (Mannerheim)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	–	–	LB	NF
parvicollis (Mannerheim)														
vagus (LeConte)														
E. estriatus (LeConte)	AK	YK	NT	BC	AB	–	MB	ON	PQ	NB	NS	–	LB	NF
subarcticus W.J. Brown														
E. granicollis (Van Dyke)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
E. maculipennis LeConte	–	–	–	–	–	–	–	ON	PQ	NB	–	–	LB	NF
pictus (Candèze)														
E. striatipennis W.J. Brown	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
Genus HEMICREPIDIUS Germar														
Asaphes Kirby														
H. bilobatus (Say)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
cavifrons (Melsheimer)														
consentaneus (LeConte)														
melanophthalmus (Melsheimer)														
planatus (LeConte)														
tener (LeConte)														
H. brevicollis (Candèze)	–	–	–	–	–	–	MB	ON	PQ	NB	NS	–	–	–
H. carbonatus (LeConte)	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–
coracinus Candèze														
H. dilaticollis Motschulsky	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
H. hemipodus (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
aeneolus (Melsheimer)														
aereus (Melsheimer)														
corporosus (Germar)														
decoloratus (Say)														
H. memnonius (Herbst)	–	–	–	–	AB	SK	MB	ON	PQ	–	NS	PE	–	–
baridius (Say)														
ruficornis (Kirby)														
thomasi Germar														
H. montanus Lane	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
H. morio (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
vernus Candèze														
H. pallidipennis (Mannerheim)	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
oregonus (LeConte)														
H. simplex (LeConte)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
H. tumescens (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Tribe Oestodini

Genus OESTODES LeConte														
O. puncticollis Horn	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
O. tenuicollis (Randall)	–	–	–	–	–	–	–	ON	PQ	NB	NS	PE	–	–
graciliformis (Randall)														
obscuripes Candèze														

Subfamily ELATERINAE

Tribe Elaterini

Key to North American species: Roache (1961)

Genus ELATER Linné														
Ludius Berthold														
Steatoderus Dejean														
E. abruptus Say	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
coracinus (Germar)														
Genus PARALLELOSTETHUS Schwarz														
P. attenuatus (Say)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
fuscus Castelnau														

Genus SERICUS Eschcholtz
Atractopterus LeConte
Dolerosomus Motschulsky
Sericosomus Dejean

S. blaisdelli (Van Dyke)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
S. honestus (Randall)	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
fusiformis (LeConte)														
S. incongruus (LeConte)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	LB	NF
behrensi (Candèze)														
S. silaceus (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
debilis (LeConte)														
flavipennis (Motschulsky)														
umbraticus (LeConte)														
S. viridanus (Say)	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
sublucens (Randall)														

Tribe Agriotini

Genus GLYPHONYX Candèze
Key to North American species: Smith and Balsbaugh (1984)

G. testaceus (Melsheimer)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Genus AGRIOTES Eschscholtz
Pedetes Kirby
Key to North American species: Becker (1956)

A. apicalis LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. arcanus W.J. Brown	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
A. avulsus (LeConte)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
A. collaris (LeConte)	–	–	–	–	–	–	–	ON	PQ	NB	NS	PE	–	–
A. criddlei Van Dyke	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–
A. ferrugineipennis (LeConte)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
A. fucosus (LeConte)	–	–	–	–	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
A. hoodi Becker	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. isabellinus (Melsheimer)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
A. limosus (LeConte)	–	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF
A. lineatus (Linné)†	–	–	–	BC	–	–	–	–	–	–	NS	–	–	NF
A. mancus (Say)	–	–	–	–	AB	SK	MB	ON	PQ	NB	NS	PE	LB	–
striatulus Melsheimer														
A. oblongicollis (Melsheimer)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
A. obscurus (Linné)†	–	–	–	BC	–	–	–	–	–	–	NS	–	–	NF
A. opaculus (LeConte)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
montanus LeConte														
A. pubescens Melsheimer	–	–	–	–	–	–	MB	ON	PQ	NB	–	–	–	–
A. quebecensis W.J. Brown	–	–	–	–	–	–	MB	ON	PQ	–	NS	–	–	–
A. sparsus LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. sputator (Linné)†	–	–	–	–	–	–	–	–	–	NB	NS	–	–	–
A. stabilis (LeConte)	–	–	–	BC	–	SK	MB	ON	PQ	NB	–	–	–	–
A. tardus W.J. Brown	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
A. thevenetti Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus AGRIOTELLA W.J. Brown

A. bigeminata (Randall)	–	–	–	–	–	–	MB	ON	PQ	NB	NS	–	–	–
A. columbiana W.J. Brown	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. occidentalis W.J. Brown	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–

Genus DALOPIUS Eschscholtz

D. agnellus W.J. Brown	–	–	–	–	–	–	–	–	PQ	NB	–	–	–	–
D. asellus W.J. Brown	–	–	–	BC	AB	SK	–	–	–	–	–	–	–	–
D. brevicornis W.J. Brown	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
D. cognatus W.J. Brown	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
D. corvinus W.J. Brown	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
D. fucatus W.J. Brown	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
D. fuscipes W.J. Brown	–	–	–	–	–	–	–	–	PQ	–	NS	–	–	–
D. gartrelli W.J. Brown	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
D. gentilis W.J. Brown	–	–	–	–	–	SK	–	ON	PQ	–	–	–	–	–
D. inordinatus W.J. Brown	–	–	–	BC	AB	SK	–	–	–	–	–	–	–	–
D. insolens W.J. Brown	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
D. insolitus W.J. Brown	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

D. insulanus W.J. Brown	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
D. maritimus W.J. Brown	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
D. mirabilis W.J. Brown	–	–	–	–	AB	SK	MB	–	PQ	–	–	–	–	–
D. pallidus W.J. Brown	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	NF
D. parvulus W.J. Brown	–	–	–	–	–	SK	MB	–	–	–	–	–	–	–
D. spretus W.J. Brown	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
D. suspectus W.J. Brown	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
D. tristis W.J. Brown	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
D. vagus W.J. Brown	–	–	–	–	–	SK	MB	ON	PQ	NB	NS	–	–	–
D. vernus W.J. Brown	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–

Tribe Ampedini

Genus AMPEDUS Dejean

A. antracinus (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. apicatus (Say)	AK	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	NF
melanopygus Germar														
A. areolatus (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
obliquus (Say)														
scitulus Germar														
A. atripennis (Horn)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
violaceipennis (Candèze)														
A. behrensi (Horn)	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. brevis (Van Dyke)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
A. collaris (Say)	–	–	–	–	–	–	MB	–	PQ	–	NS	–	–	–
A. deletus (LeConte)	AK	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	LB	NF
A. dimidiatus (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. evansi W.J. Brown	–	–	NT	–	–	SK	MB	ON	PQ	NB	NS	–	–	–
A. fuscatus (Melsheimer)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
A. fusculus (LeConte)	–	–	–	–	AB	SK	MB	ON	PQ	NB	–	–	LB	NF
A. impolitus (Melsheimer)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
A. laesus (LeConte)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
A. laurentinus W.J. Brown	AK	–	NT	BC	AB	–	MB	ON	PQ	NB	NS	–	–	NF
A. linteus (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
lugubris Germar														
A. luctuosus (LeConte)	–	–	NT	–	AB	SK	MB	ON	PQ	NB	NS	–	LB	NF
A. melanotoides W.J. Brown	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
A. melinus (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. melsheimeri (Leng)	–	–	–	–	–	SK	MB	ON	PQ	–	NS	–	–	–
hepaticus (Melsheimer)														
A. militaris (Harris)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
A. miniipennis (LeConte)	–	YK	NT	–	AB	–	–	ON	PQ	NB	–	–	LB	NF
A. mixtus (Herbst)	–	–	–	–	AB	SK	MB	ON	PQ	NB	NS	PE	–	NF
A. moerens (LeConte)	–	–	NT	BC	AB	–	–	–	–	–	–	–	–	–
A. molestus (LeConte)	–	–	–	BC	–	–	MB	ON	PQ	NB	NS	–	–	–
A. nigricans Germar	–	–	–	–	AB	SK	MB	ON	PQ	NB	NS	–	–	–
A. nigricollis (Herbst)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
A. nigrinus (Herbst)*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	–	–	LB	NF
A. oblessus (Say)	–	–	–	–	AB	SK	MB	ON	PQ	NB	–	–	–	–
sellatus (Leng)														
discoideus (Fabricius)														
A. occidentalis Lane	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
bimaculatus (Van Dyke)														
A. pedalis Germar	–	–	–	–	AB	SK	MB	ON	PQ	–	–	–	–	–
rufipes (Palisot de Beauvois)														
A. phelpsi (Horn)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
hoppingi (Van Dyke)														
A. phoenicopterus Germar	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. protervus (LeConte)	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
A. pullus Germar	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
lacustris (LeConte)														
A. pusio Germar	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
luteolus (LeConte)														
A. quebecensis W.J. Brown	AK	–	NT	BC	AB	SK	MB	–	PQ	–	–	–	LB	NF
A. rhodopus (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. rubricollis (Herbst)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
socer (LeConte)														
verticinus (Palisot de Beauvois)														
A. rubricus (Say)	–	–	–	–	–	–	MB	ON	PQ	–	NS	–	–	–
A. sanguinipennis (Say)	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–

A. sayi (LeConte)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
A. semicinctus (Randall)	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
A. subtilis (LeConte)	–	–	–	BC	AB	SK	MB	ON	PQ	–	NS	–	–	–
A. uteanus (Van Dyke)	–	–	–	–	–	SK	–	–	–	–	–	–	–	–
A. varipilis (Van Dyke)	–	YK	NT	BC	AB	–	–	–	–	–	–	–	–	–
columbianus W.J. Brown														
A. vitiosus (LeConte)	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–

Genus MEGAPENTHES Kiesenwetter
Dolopiosomus Motschulsky
Key to North American species: Becker (1971)

M. caprella (LeConte)	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
californicus W.J. Brown														
M. gentneri Lane	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
M. nigriventris LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
M. rogersi Horn	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
M. solitarius Fall	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
M. stigmosus (LeConte)	–	–	–	BC	AB	SK	MB	ON	PQ	NB	–	–	–	–
M. tartareus (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Tribe Physorhini

Genus ANCHASTUS LeConte
Brachycrepis LeConte
Crepidotritus LeConte
Elatrinus Horn

A. anthrax (Horn)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
corvus Van Dyke														
militaris Candèze														
A. cinereipennis (Eschscholtz)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
hirsutulus Motschulsky														
recedens LeConte														
piliferus Motschulsky														
puberulus (Mannerheim)														
regularis Motschulsky														
tantillus (Mannerheim)														

Tribe Melanotini

Genus MELANOTUS Eschscholtz
Cratonychus Dejean
Ctenonychus Stephens
Perimecus Stephens
Key to North American species: Quate and Thompson (1967)

M. americanus (Herbst)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
angustatus (Erichson)														
M. castanipes (Paykull)‡	–	–	–	–	–	–	MB	ON	PQ	NB	NS	PE	–	NF
inaequalis (LeConte)														
paradoxus Melsheimer														
scrobicollis (LeConte)														
texanus Candèze														
M. communis (Gyllenhal)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
paganus Candèze														
M. corticinus (Say)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
glandicolor Melsheimer														
vetulus (Erichson)														
M. decumanus (Erichson)	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
canadensis Candèze														
cuneatus (LeConte)														
incertus (LeConte)														
M. depressus (Melsheimer)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
divarcarinus Blatchley														
lixus Blatchley														
parumpunctatus (Melsheimer)														
M. hyslopi Van Zwaluwenburg	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
M. ignobilis Melsheimer	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
secretus (LeConte)														
M. leonardi (LeConte)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–

M. longulus oregonensis (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
franciscanus Van Dyke														
variolatus LeConte														
M. miscellus Quate	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
M. morosus Candèze	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
debilis Blatchley														
longulus (LeConte)														
simulans Blatchley														
M. prasinus Blatchley	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
M. sagittarius (LeConte)	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
carinus Blatchley														
M. similis (Kirby)	–	–	–	–	–	SK	MB	ON	PQ	NB	NS	–	–	–
fissilis (Say)														
exuberans (LeConte)														
ochraceipennis (Melsheimer)														
sphenoidalis (Melsheimer)														
M. trapezoideus (LeConte)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Subfamily CARDIOPHORINAE

Genus CARDIOPHORUS Eschscholtz

C. acutus Lanchester	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
C. alpestris Lanchester	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. brunnipennis Lanchester	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. cardisce (Say)	–	–	–	–	AB	SK	MB	ON	PQ	NB	NS	–	–	–
dejeanii LeConte														
C. communius Lanchester	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. convexulus LeConte	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
C. convexus (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
amictus Melsheimer														
insulsus Candèze														
C. edwardsi Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. fenestratus LeConte	–	–	NT	BC	AB	–	–	–	–	–	–	–	–	–
larquini Candèze														
C. gagates Erichson	–	–	–	–	–	–	MB	ON	PQ	NB	NS	–	–	–
laevicollis Erichson														
C. kooskooskiensis Lanchester	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
C. latiusculus Eschscholtz	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. montanus Bland	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
C. nevadensis Blanchard	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. plebejus Lanchester	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. plexus Lanchester	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. pratensus Lanchester	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
C. propinquus Lanchester	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. pubescens Blanchard	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–
C. silvanus Lanchester	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
C. sodalis Lanchester	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
C. tenebrosus LeConte	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–
fulvipes LeConte														
C. tumidicollis LeConte	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
C. tutus Lanchester	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–

Genus HORISTONOTUS Candèze

H. curiatus (Say)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
areolatus (Erichson)														

Family THROSCIDAE throscid beetles

Y. Bousquet

Throscidae includes about 30 North American species, of which nine have been reported in Canada. The adults, which look like small, stout elaterids, are usually found on foliage and flowers. The larvae occur in litter, in decaying wood, and under bark.

Few authors agree on the position of the lissomines. Crowson (1961) included *Drapetes* in Elateridae and *Lissomus* in Throscidae; Burakowski (1975) elevated the group to family level; Lohse (1979) treated the lissomines as a subfamily of Eucnemidae; Lawrence (1982*a*) listed them in Elateridae. I have followed Yensen (1975) in considering the lissomines as a subfamily of Throscidae. Yensen (1975) provided a key to the extant genera of the family and revised the genus *Trixagus*.

NT (2); BC (6); AB (1); MB (1); ON (5); PQ (5); NB (2); NS (2); NF (1)

Subfamily LISSOMINAE

Genus DRAPETES Dejean

D. geminatus (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
americanus (Gerstaecker)														
basalis (Randall)														
exstriatus (Say)														

Subfamily THROSCINAE

Genus TRIXAGUS Kugelann
Throscus Latreille
Key to North American species: Yensen (1975)

T. carinicollis (Schaeffer)	–	–	–	BC	AB	–	–	ON	PQ	NB	–	–	–	NF
T. chevrolati (Bonvouloir)	–	–	–	BC	–	–	–	ON	PQ	–	NS	–	–	–
parvulus (LeConte)														
sejunctus (Horn)														
T. mendax (Horn)	–	–	NT	BC	–	–	–	–	–	–	–	–	–	–
T. sericeus (LeConte)	–	–	NT	BC	–	–	–	–	–	–	–	–	–	–
debilis (Horn)														

Genus AULONOTHROSCUS Horn

A. constrictor (Say)	–	–	–	–	–	–	MB	ON	PQ	NB	NS	–	–	–
A. punctatus (Bonvouloir)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
A. validus (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus PACTOPUS LeConte

P. hornii (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
fuchsi Casey														

Family EUCNEMIDAE false click beetles

Y. Bousquet

Thirty-two species of eucnemids have been reported in Canada and Alaska. The adults occur mainly on vegetation and under bark but are rather infrequently collected. The larvae bore into various hardwoods that are usually rotten. Like elaterids, adults have the clicking mechanism, but few species have been actually observed to click.

The taxonomy of the North American species of Eucnemidae has been poorly studied, and therefore many changes and additions to the Canadian fauna can be expected. Horn's revision (1886) is the latest one for the North American species.

AK (1); BC (13); AB (2); SK (1); MB (3); ON (18); PQ (20); NB (5); NS (3); NF (1)

Subfamily EUCNEMINAE

Genus STETHON LeConte														
S. pectorosus LeConte	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
Genus DELTOMETOPUS Bonvouloir														
D. amoenicornis (Say)	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
clypeatus (Say)														
ereptus Bonvouloir														
D. rufipes (Melsheimer)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Genus DROMAEOLUS Kiesenwetter														
D. basalis (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
D. californicus Bonvouloir	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
D. cylindricollis (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
D. harringtoni Horn	–	–	–	–	–	–	MB	ON	PQ	NB	–	–	–	–
D. nitens Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Genus FORNAX Castelnau														
Isarthrus LeConte														
Onichodon Newman														
F. badius (Melsheimer)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
basalis Horn														
novitius (Bonvouloir)														
F. bicolor (Melsheimer)	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
luridus Chevrolat														
F. calceatus (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
spretus (LeConte)														
F. canadensis W.J. Brown	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
F. hornii Bonvouloir	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
F. orchesides (Newman)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
Genus PHAENOCERUS Bonvouloir														
P. americanus Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Subfamily DIRHAGINAE

Key to genera: Cobos (1964)

Genus DIRHAGUS Latreille														
Microrhagus Dejean														
D. pectinatus (LeConte)	–	–	–	BC	–	–	–	ON	PQ	NB	–	–	–	–
D. subsinuatus (LeConte)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
imperfectus (LeConte)														
oblitus (Bonvouloir)														
D. triangularis (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
Genus ENTOMOPHTHALMUS Bonvouloir														
E. rufiolus (LeConte)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
pallens Bonvouloir														
Genus SARPEDON Bonvouloir														
S. scabrosus Bonvouloir	–	–	–	BC	–	–	–	ON	PQ	–	–	–	–	–
Genus RHAGOMICRUS Fleutiaux														
R. humeralis (Say)	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
meticulosus (Bonvouloir)														

Subfamily MELASINAE

Genus ISORHIPIS Boisduval & Lacordaire														
I. obliqua (Say)	–	–	–	BC	–	–	–	ON	PQ	NB	NS	–	–	–
Genus MELASIS Olivier														
M. rufipennis Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
M. tsugae Hopping	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus EPIPHANIS Eschscholtz

E. cornutus Eschscholtz	AK	–	–	BC	–	SK	–	ON	PQ	NB	–	–	–	NF
cristatus LeConte														

Genus SCHIZOPHILUS Bonvouloir

S. subrufus (Randall)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
simplex (LeConte)														
trilobatus Bonvouloir														

Genus HYLIS des Gozis

H. frontosus (Say)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
canaliculatus (LeConte)														
H. terminalis (LeConte)	–	–	–	BC	AB	SK	–	ON	PQ	–	–	–	–	–

Genus XYLOPHILUS Mannerheim
Xylobius Latreille
Xyloecus Dejean

X. cylindriformis (Horn)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus NEMATODES Berthold
Hypocoelus Dejean

N. atropos (Say)	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
N. penetrans (LeConte)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Genus ANELASTES Kirby

A. druryi Kirby	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
brunneus (Latreille)														
erosus (Say)														
latreillei LeConte														

Superfamily Cantharoidea

Family LYCIDAE net-winged beetles

J. McNamara

Twenty-nine species of Lycidae are recorded in Canada and Alaska. The adults occur on leaves, on flowers, or under bark and are thought to be predaceous. The larvae are predaceous, and those of most species are found under bark.

Green has revised the taxonomy of the North American species of Lycidae in a series of publications; his paper of 1949 includes a key to the Nearctic tribes.

AK (3); YK (1); NT (1); BC (8); AB (5); SK (4); MB (8); ON (25); PQ (19); NB (5); NS (5); LB (1); NF (1)

Subfamily LYCINAE

Tribe Lygistopterini

Key to North American species: Green (1950)

Genus CALOCHROMUS Guérin-Méneville

C. dimidiatus (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. fervens LeConte	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
C. perfacetus (Say)	–	–	–	–	–	SK	–	ON	PQ	–	–	–	–	–
substriatus (LeConte)														

Tribe Platerodini

Key to North American species: Green (1951, 1953)

Genus DICTYOPTERUS Mulsant

D. aurora (Herbst)	AK	YK	NT	BC	AB	–	MB	ON	PQ	NB	NS	–	LB	NF
coccinatus (Say)														
nigripes (Schaeffer)														

D. hamatus Mannerheim	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
D. simplicipes Mannerheim	AK	–	–	BC	AB	–	–	–	–	–	–	–	–	–
laetus Motschulsky														
D. thoracicus (Randall)	–	–	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
praefectus (Newman)														
Genus EROS Newman														
E. humeralis (Fabricius)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
incestus LeConte														
obliquus (Say)														
Genus PLATYCIS Thomson														
Erotides Waterhouse														
P. sculptilis (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
axillaris (Melsheimer)														
oblita (Newman)														
Genus LOPHEROS LeConte														
L. crenatus (Germar)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
cruciatus (Randall)														
L. fraternus (Randall)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
Genus EROPTERUS Green														
E. arculus Green	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
E. trilineatus (Melsheimer)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
Genus PLATEROS Bourgeois														
Neoceletes Leng & Shoemaker														
P. batillifer Green	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
P. bispiculatus Green	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
P. borealis Green	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
P. centralis Green	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
P. flavoscutellatus Blatchley	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
P. floralis (Melsheimer)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
P. lictor (Newman)	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	–
californicus Van Dyke														
columbiensis W.J. Brown														
crateracollis (Leng & Shoemaker)														
P. peregrinus Green	–	–	–	BC	–	–	–	ON	PQ	–	–	–	–	–
P. subfurcatus Green	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
P. timidus (LeConte)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
P. volatus Green	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–

Tribe Calopterini

Key to North American species: Green (1952)

Genus CALOPTERON Guérin-Méneville														
Diagrapha Newman														
C. discrepans (Newman)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
C. reticulatum (Fabricius)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
affinis (LeConte)														
retiferum LeConte														
typicum (Newman)														
C. terminale (Say)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
apicale (LeConte)														
divisum (Newman)														
dorsale (Newman)														
duplicatum (Haldeman)														
Genus CAENIA Newman														
Caeniella Cockerell														
C. dimidiata (Fabricius)	–	–	–	–	–	–	MB	ON	PQ	NB	NS	–	–	–
scapularis Newman														
Genus CELETES Newman														
C. basalis LeConte	–	–	–	–	–	SK	MB	ON	PQ	NB	NS	–	–	–
mystacina LeConte														
tabida LeConte														

Family PHENGODIDAE glowworms

J. McNamara

Only one species of Phengodidae occurs in Canada. The larvae of most species are luminescent, hence the vernacular name glowworms. The larvae feed on soft-bodied insects and other small organisms. The females are larviform but have compound, instead of simple, eyes. Adults and larvae occur in leaf litter and under logs, bark, and debris on the ground. The males are attracted to light.

Wittmer (1975) revised the North American species of the genus *Phengodes*, the only genus occurring in Canada.

ON (1)

Genus PHENGODES Illiger
Key to North American species: Wittmer (1975)

(Subgenus PHENGODES s. str.)

P. plumosa (Olivier)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Family LAMPYRIDAE fireflies

J. McNamara

Twenty-nine species of Lampyridae are recorded in Canada. Members of this family are fairly well known because of their ability to produce flashing light. Species may be recognized in flight by the color of the light as well as by the number and the length of flashes. This flashing behavior enables the sexes to find each other. All larvae and most adults are luminescent. The larvae are predaceous and feed on other insects, larvae, snails, and slugs. The feeding habits of the adults are not well known.

Many genera of lampyrids have been revised in the past few decades, but a thorough revision of the family would be very useful. Green (1948) published a revision of the Nearctic genera.

NT (3); BC (9); AB (3); SK (5); MB (12); ON (19); PQ (14); NB (8); NS (10); PE (1); NF (3) • I (1)

Subfamily LAMPYRINAE
Tribe Cratomorphini

Genus PYRACTOMENA Melsheimer
Lecontea E. Olivier
Key to North American species: Green (1957)

P. angulata (Say)	–	–	NT	–	–	SK	MB	ON	PQ	NB	NS	–	–	–
flavocincta LeConte														
P. borealis (Randall)	–	–	–	–	AB	SK	MB	ON	PQ	NB	NS	–	–	–
P. dispersa Green	–	–	NT	–	–	SK	MB	–	–	–	–	–	–	–
P. linearis LeConte	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
P. lucifera Melsheimer	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
P. sinuata Green	–	–	–	–	–	–	MB	–	–	–	–	–	–	–

Tribe Photinini

Genus PHOTINUS Castelnau
Key to North American species: Green (1956)

P. aquilonius Lloyd	–	–	–	–	–	–	MB	ON	PQ	–	NS	–	–	–
P. ardens LeConte	–	–	–	–	–	–	MB	ON	PQ	NB	NS	–	–	NF
taedifer LeConte														
P. consimilis Green	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
P. ignitus Fall	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
P. indictus (LeConte)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
ablucens Fall														
P. marginellus LeConte	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
castus LeConte														

P. obscurellus LeConte	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
frigidus Olivier														
P. punctulatus LeConte	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
P. scintillans (Say)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Genus PHAUSIS LeConte
Key to North American species: Fender (1966)

P. nigra Hopping	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. rhombica Fender	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–

Genus ELLYCHNIA LeConte
Key to western North American species: Fender (1970)

(Subgenus ELLYCHNIA s. str.)

E. corrusca (Linné)	–	–	–	BC	–	–	MB	ON	PQ	NB	NS	–	–	NF
E. facula LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
E. greeni Fender	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
E. hatchi Fender	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
E. lacustris LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus PYROPYGA Motschulsky
Key to species: Green (1961)

P. decipiens (Harris)	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
P. nigricans (Say)	–	–	NT	BC	AB	SK	MB	ON	PQ	NB	–	–	–	–
californica Motschulsky														
californica (Gorham)														
fenestralis (Melsheimer)														
reversus (Gemminger)														

Genus LUCIDOTA Castelnau
Rileya E. Olivier

L. atra (Olivier)	–	–	–	–	–	–	MB	ON	PQ	NB	NS	–	–	–
laticornis (Fabricius)														
morio (Melsheimer)														
tarda LeConte														

Genus PHOSPHAENUS Castelnau

P. hemipterus (Fourcroy)†	–	–	–	–	–	–	–	–	PQ	–	NS	–	–	–

Subfamily AMYDETINAE

Genus POLLACLASIS Newman
Polyclasis LeConte

P. bifaria (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
ovatus Newman														

Subfamily PHOTURINAE

Genus PHOTURIS Dejean
Pyrectosoma Motschulsky
Key to North American species: Barber (1951)

P. fairchildi Barber	–	–	–	–	–	–	–	–	–	–	NS	–	–	–
P. pennsylvanica (DeGeer)	–	–	–	BC	–	SK	MB	ON	PQ	NB	NS	PE	–	NF
marginata (Panzer)														
vittigera (Motschulsky)														

Family CANTHARIDAE soldier beetles

J. McNamara

Cantharidae includes 126 species and subspecies in Canada and Alaska. The adults are common on goldenrod, milkweed, and hydrangea, where they feed on nectar and pollen. Most larvae are carnivorous, generally preying on other soft-bodied insects; a few are omnivorous, feeding on plants such as wheat, potatoes, celery, and other plants. They occur mostly beneath bark and debris.

Some of the genera of Cantharidae are poorly known taxonomically, including the large genus *Podabrus*, and are in need of revision. Fender (1962) provides keys to the species of the Pacific Northwest.

AK (15); YK (8); NT (13); BC (57); AB (20); SK (9); MB (22); ON (48); PQ (48); NB (22); NS (25); PE (1); LB (5); NF (16) • I (2)

Subfamily Cantharinae
Tribe Podabrini

Genus PODABRUS Westwood
Brachynotus Kirby
Malthacus Kirby
Key to North American species: Fall (1927)

P. alexanderi Fender	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
P. brevicollis Fall	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
P. cavicollis cavicollis LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. conspiratus Fall	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. deceptus W.J. Brown	AK	YK	NT	BC	–	–	MB	–	–	–	–	–	–	–
P. diadema (Fabricius)	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	NF
P. excursus excursus Fall	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
P. extremus LeConte	AK	YK	NT	BC	AB	–	MB	ON	–	–	–	–	LB	–
P. falli Hopping	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
P. fissilis Fall	AK	–	–	BC	AB	–	–	–	–	–	–	–	–	–
P. flavicollis LeConte	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
P. frater LeConte	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
quadricollis (Motschulsky)														
P. frosti Fender	–	–	–	–	–	–	–	ON	–	NB	–	–	–	–
P. fumiganus Green	–	–	–	–	–	–	–	–	PQ	NB	–	–	–	–
P. furtivus Fall	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. heteronychus Fall	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
P. instabilis Fall	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. intrusus Green	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	NF
P. laevicollis (Kirby)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	–	–	LB	NF
P. limbellus LeConte	–	–	–	–	–	–	–	–	PQ	NB	–	–	–	–
P. lutosus LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. lygarius Fender	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. melvillei Fender	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. modestus (Say)	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	NF
P. nothoides LeConte	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
P. obscurevittatus Fall	–	YK	NT	BC	AB	SK	MB	–	–	–	–	–	–	–
P. pattoni LeConte	–	–	–	–	–	–	–	–	PQ	NB	–	–	–	–
P. perplexus W.J. Brown	AK	–	NT	–	–	–	MB	–	–	–	–	–	–	–
P. piniphilus (Eschscholtz)	AK	–	NT	BC	AB	–	MB	–	PQ	–	–	–	–	–
P. planulus Green	–	–	–	–	–	–	MB	ON	PQ	–	NS	–	–	NF
P. probus Fall	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
P. protensus LeConte	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
P. pruinosus atrocervicus Fender	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. pruinosus diversipes Fall	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
P. puberulus LeConte	–	–	–	–	–	–	MB	ON	PQ	NB	NS	–	LB	NF
P. punctatus LeConte	–	–	–	–	–	–	–	–	PQ	NB	NS	–	–	–
P. puncticollis (Kirby)	–	–	–	–	–	–	–	–	PQ	NB	–	–	–	–
marginellus LeConte														
P. punctulatus LeConte	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
P. pustulatus Fender	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. pygmaeus Green	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
P. rossi Fender	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. rugosulus LeConte	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
parvicollis (Motschulsky)														
P. scaber LeConte	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–

P. secretus W.J. Brown	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
P. sericatus (Mannerheim)	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
P. simplex Couper	–	–	–	–	–	–	MB	ON	PQ	NB	NS	–	–	–
P. smithi Fender	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. tetragonoderus Fall	AK	–	–	BC	AB	–	–	–	–	–	–	–	–	–
P. tomentosus (Say)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
cinereipennis Motschulsky														
rufiolus (Melsheimer)														
P. tricostatus (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
atripes (Motschulsky)														
benneti (Kirby)														

Tribe Cantharini

Genus ANCISTRONYCHA Markel
Key to North American species: McKey-Fender (1950)

A. bilineata (Say)	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
A. dentigera (LeConte)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
A. neglecta (Fall)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Genus CANTHARIS Linné
Cyrtomoptila Motschulsky
Telephorus Schaeffer

C. alticola (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. aneba borealis McKey-Fender	–	–	NT	BC	AB	SK	MB	–	–	–	–	–	–	–
C. beta Fender	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. consors (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
tibialis (LeConte)														
tibiella (Gemminger)														
C. curtisi (Kirby)	–	YK	NT	BC	AB	SK	MB	ON	PQ	NB	–	–	LB	NF
samouellei (Kirby)														
C. impressa (LeConte)	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
C. oregona (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. rotundicollis Say	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
C. rufa Linné†	–	–	–	–	–	–	–	ON	PQ	NB	NS	PE	–	NF
C. transmarina transmarina (Motschulsky)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. transmarina scopa (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. tuberculata (LeConte)	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
armigera (Couper)														
brevicollis (LeConte)														
C. westwoodi (Kirby)	–	–	–	–	–	–	–	–	–	–	–	–	–	–

Genus CYRTOMOPTERA Motschulsky

C. divisa (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
latiuscula Motschulsky														

Genus RHAXONYCHA Motschulsky
Key to North American species: McKey-Fender (1950)

R. bilobata (McKey-Fender)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
R. carolina (Fabricius)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
jactata (Say)														

Genus RHAGONYCHA Eschscholtz
Key to North American species: Green (1940)

R. alaskensis Fender	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
R. anthracina Mannerheim	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
R. costipennis (LeConte)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
R. excavata (LeConte)	–	–	–	BC	–	–	MB	ON	PQ	–	NS	–	–	–
R. fraxini (Say)	AK	–	–	BC	AB	–	MB	ON	PQ	–	NS	–	–	NF
atra (Kirby)														
binodula Mannerheim														
nigrita (LeConte)														
R. fulva (Scopoli)†	–	–	–	BC	–	–	–	–	PQ	–	–	–	–	–
R. gilvipes (Gemminger)	–	–	NT	–	?	–	–	–	–	–	–	–	–	–
dichroa (LeConte)														
flavipes (LeConte)														

R. imbecillis (LeConte)	–	–	–	–	–	–	–	ON	–	–	–	–	–	NF
albolineata (Blatchley)														
R. luteicollis (Germar)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
cinctella (LeConte)														
R. mandibularis (Kirby)	AK	YK	NT	BC	AB	SK	MB	–	PQ	–	–	–	LB	NF
nigritula (LeConte)														
R. mollis mollis Fall	–	–	–	–	–	SK	–	ON	–	–	NS	–	–	NF
nigriceps (LeConte)														
pusilla (LeConte)														
R. nanula (LeConte)	–	–	–	–	–	–	–	–	–	–	NS	–	–	–
R. oriflava (LeConte)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
R. recta (Melsheimer)	–	–	–	BC	AB	–	–	ON	PQ	–	NS	–	–	NF
pusilla (LeConte)														
rufipes (Say)														
R. scitula (Say)	–	–	–	–	–	–	–	–	PQ	–	NS	–	–	–
R. septentrionis (Green)	–	–	–	–	–	–	MB	ON	–	–	–	–	–	–
R. sylvatica (Green)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
R. tantilla (LeConte)	–	–	–	–	–	SK	–	–	–	–	–	–	–	–
pusio (LeConte)														
R. vilis (LeConte)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
R. walshi (LeConte)	–	–	–	–	–	–	MB	–	–	–	–	–	–	–

Tribe Silini

Genus POLEMIUS LeConte

P. canadensis W.J. Brown	–	–	–	–	–	–	–	–	–	NB	NS	–	–	–
P. laticornis (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
dubius (Melsheimer)														
incisus LeConte														
invalidus (Say)														
undulatus (LeConte)														

Genus SILIS Charpentier
Key to North American species: Green (1966)

(Subgenus SILIS s. str.)

S. atra LeConte	–	–	NT	–	–	–	–	–	–	–	–	–	–	–
S. difficilis difficilis LeConte	–	YK	NT	BC	AB	SK	MB	–	PQ	NB	–	–	–	–
S. insperata Green	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
S. lecontei Green	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
S. lutea LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
pallens LeConte														
S. pallida Mannerheim	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
S. parallela Green	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
S. percomis (Say)	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
curta (LeConte)														
longicornis LeConte														
S. spinigera LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
minuta LeConte														
S. striatella Green	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

(Subgenus DITEMNUS LeConte)

S. bidentata (Say)	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
S. latiloba Blatchley	–	–	–	–	–	–	MB	–	–	–	–	–	–	–

Tribe Malthinini

Genus MALTHINUS Latreille
Key to North American species: Fender (1972)

M. occipitalis LeConte	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Genus MALTHODES Kiesenwetter
Key to North American species: Fender (1951)

M. abruptus Fender	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
M. acuticauda Fender	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
M. alexanderi Fender	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
M. bakeri Fender	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
M. canadensis Fender	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

M. columbiensis Fender	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
M. fragilis (LeConte) *transversus* (LeConte)	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
M. fuliginosus fuliginosus LeConte	–	–	–	–	–	–	–	–	PQ	NB	NS	–	–	–
M. fuliginosus flavicollis Fender	–	–	–	–	–	–	–	–	–	–	NS	–	–	–
M. intricatus Fender	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
M. macnabi Fender	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
M. medioccidens Fender	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
M. niger (LeConte)	–	–	–	–	–	–	–	–	PQ	NB	–	–	–	NF
M. oregonus Fender	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
M. parvulus (LeConte)	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	NF
M. piceolus Fall	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
M. piperi Fender	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
M. similis Fender	–	–	–	–	–	–	–	ON	–	–	NS	–	–	–
M. stacesmithi Fender	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
M. terraenovae Fender	–	–	–	–	–	–	–	–	–	–	–	–	–	NF

Subfamily CHAULIOGNATHINAE
Tribe Chauliognathini

Genus CHAULIOGNATHUS Hentz
Key to North American species: Fender (1964)

C. pensylvanicus (DeGeer) *bimaculatus* (Fabricius)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–

Tribe Ichthyurini

Genus TRYPHERUS LeConte
Lygerus Kiesenwetter
Key to North American species: Fender (1960)

T. frisoni Fender	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Superfamily Dermestoidea

Family DERODONTIDAE tooth-necked fungus beetles

D.E. Bright

The family Derodontidae includes four genera and 19 species of small beetles that occur in the temperate parts of both the Northern and Southern Hemispheres. They are rarely encountered in the field and are uncommon in collections. Three genera and eight species are found in Canada and Alaska. With the exception of *Laricobius* species, both larvae and adults of this family feed on various kinds of fungi or on the products of fungal metabolism. *Peltastica* species appear to be restricted to fermenting sap flows or to areas under bark, where bacterial or fungal fermentation takes place. *Derodontus* species feed on the fruiting bodies of a wide range of higher Basidiomycetes. The beetles prefer fresh fruiting bodies, although they have been recorded in rotting mushrooms, "slimy fungus," and "watery fungus." Franz (1958) has documented the feeding habits of *Laricobius erichsonii* quite well. Adults and larvae feed on the pine and spruce aphids of the family Adelgidae. The preferred host of *L. erichsonii* is the balsam woolly aphid; the derodontid was introduced into eastern Canada in the 1950s for the control of this pest. The other species of *Laricobius* also feed on other species of Adelgidae.

Information on adult and larval morphology, feeding behavior, life cycle, and evolution, as well as keys and diagnoses of all genera and species, can be found in Lawrence and Hlavac (1979). Lawrence (1989) recently published a catalog of the North American species.

AK (2); BC (5); AB (3); ON (2); PQ (1); NB (2); NS (3); NF (1) • I (1)

Subfamily PELTASTICINAE

Genus PELTASTICA Mannerheim														
P. tuberculata Mannerheim	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–

Subfamily DERODONTINAE

Genus LARICOBIUS Rosenhauer														
L. erichsonii Rosenhauer†	–	–	–	BC	–	–	–	–	–	NB	NS	–	–	NF
L. laticollis Fall	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
L. nigrinus Fender	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
L. rubidus LeConte	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
Genus DERODONTUS LeConte														
D. esotericus Lawrence	–	–	–	–	AB	–	–	ON	–	–	NS	–	–	–
D. maculatus (Melsheimer)	–	–	–	–	–	–	–	–	–	–	NS	–	–	–
D. trisignatus (Mannerheim)	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–

Family NOSODENDRIDAE wounded-tree beetles

J.M. Campbell

Nosodendradae is a small family that contains only one genus with about 50 species, two of which are recorded in Canada. According to Lawrence (1982*a*), *Nosodendron* species occur in most forested areas of the world, where they inhabit slime fluxes and rancid tree wounds, probably feeding on bacteria, fungi, and products of fermentation.

The New World species of the family are well known taxonomically, thanks to a revision by Reichardt (1976).

BC (1); ON (1)

Genus NOSODENDRON Latreille														
N. californicum Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
N. unicolor Say	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Family DERMESTIDAE dermestid beetles

Y. Bousquet

Dermestidae is represented in Canada and Alaska by 48 species and subspecies. Dermestids are usually found on flowers, on dried animal carcasses, in social Hymenoptera, bird and mammal nests, where they feed on pollen, feathers, hair, fur, or the remains of insects. Many species, however, are household and museum pests; they cause damage to a wide variety of products, such as carpets, silk, fur, feathers, wool, leather, seeds, grain, and cereal products as well as dried-insect collections.

The taxonomy of the North American dermestids is relatively well known, thanks to the work of Beal, who revised most genera occurring in the area. Mroczkowski (1968) published a catalog of the world fauna.

AK (6); YK (3); NT (6); BC (31); AB (16); SK (10); MB (14); ON (24); PQ (19); NB (4); NS (5); PE (4); NF (4) • I (17)

Tribe Dermestini

Genus DERMESTES Linné														
(Subgenus DERMESTINUS Zhantiev)														
D. caninus Germar	–	–	–	BC	AB	SK	–	ON	–	–	–	–	–	–

murinus LeConte														
nubilus Say														
tessellatus Herbst														
D. carnivorus Fabricius†	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
mucoreus LeConte														
sobrinus LeConte														
versicolor Castelnau														
D. fasciatus LeConte	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
D. frischii Kugelann†	–	–	–	BC	–	–	–	ON	PQ	–	NS	–	–	–
D. maculatus DeGeer†	–	–	–	BC	–	–	MB	ON	PQ	–	–	–	–	–
elongatus Hope														
lupinus Mannerheim														
truncatus Casey														
vulpinus Fabricius														
D. marmoratus Say	–	–	–	BC	AB	–	MB	–	–	–	–	–	–	–
D. talpinus Mannerheim	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	–	–	–	–
D. tristis Fall	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–

(Subgenus DERMESTES s. str.)

D. ater DeGeer†	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
D. lardarius Linné†	–	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	NF
D. pulcher LeConte	–	–	–	–	–	–	MB	–	PQ	–	–	–	–	–
D. reductus Kalik	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
D. signatus LeConte	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–

Tribe Attagenini

Key to North American species: Beal (1970)

Genus ATTAGENUS Latreille

A. brunneus Faldermann†	–	–	–	–	–	–	–	?	?	–	–	–	–	–
elongatulus Casey														
extricatus Casey														
A. pellio (Linné)†	–	–	–	BC	–	–	–	–	–	–	NS	–	–	–
A. schaefferi hypar Beal	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. unicolor japonicus Reitter†	–	–	–	BC	–	SK	MB	ON	PQ	–	–	PE	–	NF
canadensis Casey														
A. unicolor unicolor (Brahm)†	–	–	–	–	–	–	–	–	–	–	–	–	–	–
megatoma (Fabricius)														
piceus (Olivier)														

Genus NOVELSIS Casey
Genattus Sharp

(Subgenus PARANOVELSIS Casey)

N. perplexa (Jayne)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Tribe Megatomini

Key to North American genera: Beal (1967)

Genus TROGODERMA Dejean
Key to North American species: Beal (1954)

T. glabrum (Herbst)†	–	–	–	–	AB	–	–	ON	PQ	–	–	–	–	–
boron Beal														
T. inclusum LeConte	–	–	–	BC	–	SK	MB	ON	PQ	–	–	–	–	–
advena Casey														
brunnescens Casey														
frosti Casey														
nigrescans Casey														
obsolescens Casey														
T. ornatum (Say)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
pallipes Ziegler														
parvulum Casey														
procerum Casey														
pusillum LeConte														
serriferum Dalla Torre														
serrigerum Casey														
tarsale Melsheimer														
T. simplex Jayne	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
ajax Casey														
pollens Casey														

T. sinistrum Fall	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
T. sternale sternale Jayne	–	–	–	BC	–	–	–	ON	PQ	–	–	–	–	–
caseyi Arrow														
simulans Casey														
variipes Casey														
T. variabile Ballion†	–	–	–	–	AB	SK	–	ON	–	–	–	PE	–	–
parabile Beal														
scabripennis Casey														

Genus REESA Beal

R. vespulae (Milliron)	–	–	NT	BC	AB	SK	MB	ON	PQ	–	–	PE	–	NF

Genus MEGATOMA Herbst
Key to North American species: Beal (1967)

(Subgenus MEGATOMA s. str.)

M. pubescens (Zetterstedt)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
prolixa Beal														

(Subgenus PERIMEGATOMA Horn)

M. ampla (Casey)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
M. angularis Mannerheim	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
M. cylindrica (Kirby)	AK	YK	NT	BC	AB	–	–	ON	–	–	–	–	–	–
impressa (Casey)														
monticola (Casey)														
M. giffardi (Blaisdell)	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
M. leucochlidon Beal	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
M. variegata (Horn)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
guadalupensis (Casey)														
jaynei (Casey)														
nevadica (Casey)														

Genus PSEUDOHADROTOMA Kalik
Key to North American species: Beal (1967)

P. kaliki Beal	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. perversa (Fall)	AK	–	–	BC	AB	–	–	–	–	–	–	–	–	–

Genus DEARTHRUS LeConte
Key to North American species: Beal (1967)

D. stebbinsi Beal	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus CRYPTORHOPALUM Guérin-Méneville
Key to North American species: Beal (1985*a*)

C. haemorrhoidale (J.E. LeConte)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
C. triste LeConte	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
fusciclave Casey														
modestum Casey														
nigricorne LeConte														
picicorne LeConte														

Tribe Anthrenini

Genus ANTHRENUS I.C. Schaeffer
Key to eastern North American species: Hoebeke et al. (1985)

(Subgenus ANTHRENUS s. str.)

A. pimpinellae Fabricius†	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
conspersus Casey														
lepidus LeConte														
nevadicus Casey														
obtectus Casey														
occidens Casey														
pictus Casey														
suffusus Casey														
A. scrophulariae (Linné)†	–	–	–	BC	–	–	–	ON	PQ	NB	NS	–	–	–
thoracicus Melsheimer														

(Subgenus NATHRENUS Casey)

A. verbasci (Linné)†	–	–	–	BC	AB	–	MB	ON	PQ	–	–	–	–	–
caseyi Hinton														
destructor Melsheimer														
pistor Casey														
substriatus Casey														
vorax Casey														
(Subgenus FLORILINUS Mulsant & Rey)														
A. castaneae Melsheimer	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
carolinae Casey														
A. museorum (Linné)†	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	NF
(Subgenus HELOCERUS Mulsant & Rey)														
A. fuscus Olivier†	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–

Tribe Orphilini

Genus ORPHILUS Erichson														
Key to North American species: Beal (1985*b*)														
O. ater Erichson	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
O. subnitidus LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
aequalis Casey														
chalybeus Casey														

Tribe Thylodriini

Genus THYLODRIAS Motschulsky														
T. contractus Motschulsky†	–	–	NT	–	AB	–	MB	ON	PQ	–	–	–	–	–

Superfamily Bostrichoidea

Family BOSTRICHIDAE bostrichid powder-post beetles

J. McNamara

Bostrichidae comprises 18 species in Canada and Alaska. It includes some of the most destructive beetles known. Some species cause considerable damage to such stored products as dried roots and grains. In the tropics these insects are especially destructive, injuring felled timber and bamboo. The larvae do most of the damage. Some species can kill weakened trees; others have the habit of tunneling into the green shoots of plants. Members of Bostricidae have been widely distributed through commerce because of their tendency to bore into wood products, such as crating and bamboo.

Fisher (1950) revised the North American species of the family.

AK (1); YK (1); NT (3); BC (8); AB (3); SK (2); MB (6); ON (13); PQ (6); NB (1); NS (1) • I (1); H (1)

Subfamily PSOINAE
Tribe Polycaonini

Genus MELALGUS Dejean														
Exopioides Guérin-Ménéville														
Heterarthron Dejean														
M. confertus (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
incisus (LeConte)														
Genus POLYCAON Castelnau														
Alloeocnemis LeConte														
P. stoutii (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
ovicollis (LeConte)														

Tribe Psoini

Genus PSOA Herbst
Acrepis LeConte

P. quadrisignata (Horn)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
sexguttata Lesne														

Subfamily ENDECATOMINAE

Genus ENDECATOMUS Mellié

E. rugosus (Randall)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–

Subfamily DINODERINAE

Genus RHYZOPERTHA Stephens

R. dominica (Fabricius)†	–	–	–	BC	–	–	MB	ON	PQ	–	–	–	–	–
pusilla (Fabricius)														

Genus PROSTEPHANUS Lesne

P. punctatus (Say)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Genus STEPHANOPACHYS Waterhouse

S. cribratus (LeConte)	–	–	NT	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
S. rugosus (Olivier)	–	–	–	–	–	–	–	ON	–	NB	–	–	–	–
opacus (Casey)														
porcatus (LeConte)														
S. sobrinus (Casey)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
S. substriatus (Paykull)*	AK	YK	NT	BC	AB	–	MB	ON	PQ	–	NS	–	–	–
pacificus (Casey)														

Subfamily BOSTRICHINAE
Tribe Bostrichini

Genus AMPHICERUS LeConte

(Subgenus AMPHICERUS s. str.)

A. bicaudatus (Say)	–	–	NT	–	–	SK	MB	ON	–	–	–	–	–	–
aspericollis (Germar)														
gracilis Casey														
serricollis (Germar)														

Genus LICHENOPHANES Lesne

L. armiger (LeConte)	–	–	–	–	–	–	MB	ON	–	–	–	–	–	–
L. bicornis (Weber)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
L. mutchleri Belkin	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
angustatus (Casey)														
L. truncaticollis (LeConte)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Tribe Xyloperthini

Genus SCOBICIA Lesne

S. bidentata (Horn)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
S. declivis (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus XYLOBIOPS Casey

X. basilaris (Say)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
basalis (Dejean)														
humeralis (Melsheimer)														

Family LYCTIDAE lyctid powder-post beetles

J. McNamara

Only six species of lyctids are known to occur in Canada. Members of this family are commonly called powder-post beetles because of the tendency of the larvae to reduce sapwood, especially of hardwoods, into a powdery frass. They are found more often in recently dried wood rather than in old wood. They attack lumber used for furniture, crating, hardwood floors, and other purposes. Second only to termites, Lyctidae cause the most destruction to wood and its products. The adult beetles cause further damage to wood by producing exit holes when they emerge. The family is worldwide in distribution, each region having an indigenous fauna plus introduced species.

Gerberg (1957) has revised the New World species.

BC (4); MB (1); ON (4); PQ (3); NB (1); NS (2) • I (2)

Tribe Lyctini

Genus LYCTUS Fabricius

L. brunneus (Stephens)†	–	–	–	BC	–	–	–	–	PQ	NB	NS	–	–	–
carolinae Casey														
L. cavicollis LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
L. linearis (Goeze)†	–	–	–	BC	–	–	–	ON	PQ	–	–	–	–	–
axillaris Melsheimer														
striatus Melsheimer														
L. opaculus LeConte	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
brevipennis Casey														
L. planicollis LeConte	–	–	–	BC	–	–	MB	ON	PQ	–	NS	–	–	–

Genus TROGOXYLON LeConte

T. parallelopipedum (Melsheimer)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Family ANOBIIDAE deathwatch beetles

J. McNamara

Anobiids include 79 species in Canada and Alaska. Larvae of most species bore into dead hardwoods and softwoods; two species of *Ernobius* attack and destroy pine cones; one species, *Anobium punctatum* (furniture beetle), damages woodwork, furniture, bookbindings, and similar products. The beetles often produce a tapping sound in their burrows, which gives rise to the ancient superstition that they are a warning of death, hence the common name. Some species feed in the young stems or shoots of growing trees. Two species, *Stegobium paniceum* (drugstore beetle) and *Lasioderma serricorne* (cigarette beetle), are serious pests of stored products, including drugs, tobacco, seeds, spices, cereal products, leather, and museum specimens.

North American anobiids are relatively well known taxonomically, thanks to the work of White, who published a key to the genera (1971), a number of generic revisions, and a catalog of the North American species (1982).

AK (4); YK (6); NT (2); BC (35); AB (18); SK (9); MB (21); ON (42); PQ (40); NB (8); NS (7); NF (7) • I (5)

Subfamily DRYOPHILINAE
Tribe Eucradini

Genus EUCRADA LeConte

E. humeralis (Melsheimer)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
E. robusta Van Dyke	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Subfamily ERNOBIINAE
Tribe Xestobiini

Genus XESTOBIUM Motschulsky
Hyperisus Mulsant & Rey
Key to North American species: White (1975*a*)

X. abietis Fisher	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
X. affine LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
X. gaspensis R.E. White	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
X. marginicolle (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus UTOBIUM Fall
Key to North American species: White (1966, 1976)

U. elegans (Horn)	–	YK	–	BC	AB	–	MB	ON	PQ	–	–	–	–	–
U. granulatum R.E. White	–	–	–	BC	AB	–	–	–	PQ	–	–	–	–	–
U. marmoratum Fisher	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Tribe Ernobiini

Genus EPISERNUS Thomson

E. trapezoideus (Fall)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus ERNOBIUS Thomson
Philoxylon LeConte

E. bicolor R.E.White	–	–	–	–	–	–	–	–	–	–	–	–	–	NF
E. gentilis Fall	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
E. luteipennis LeConte	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
E. mollis (Linné)†	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	NF
convexifrons (Melsheimer)														
E. nigrans Fall	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
E. pallitarsis Fall	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
E. punctulatus (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
E. schedli W.J. Brown	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	NF

Subfamily ANOBIINAE
Tribe Euceratocerini

Genus CTENOBIUM LeConte

C. antennatum LeConte	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Tribe Gastrallini

Genus GASTRALLUS Jacquelin du Val

G. marginipennis LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Tribe Nicobiini

Genus TRICHODESMA LeConte
Ptinodes LeConte

T. cristata Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
T. gibbosa (Say)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
T. klagesi Fall	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Tribe Stegobiini

Genus STEGOBIUM Motschulsky

S. paniceum (Linné)†	AK	–	–	BC	–	SK	MB	ON	PQ	NB	–	–	–	NF
obesum (Melsheimer)														
tenuistriatum (Say)														

Genus OLIGOMERUS Redtenbacher
Key to North American species: White (1976)

O. alternans LeConte	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

O. crestonensis Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
O. obtusus LeConte	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
O. sericans (Melsheimer)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Tribe Anobiini

Genus PLATYBREGMUS Fisher														
P. canadensis Fisher	–	–	–	–	–	–	–	ON	–	–	NS	–	–	–
Genus ANOBIUM Fabricius														
A. punctatum (DeGeer)†	–	–	–	BC	AB	–	MB	–	PQ	–	NS	–	–	NF
pumilum LeConte														
Genus HEMICOELUS LeConte														
Cacotemnus LeConte														
Key to North American species: White (1976)														
H. carinatus (Say)	–	–	–	BC	AB	SK	MB	ON	PQ	NB	–	–	–	–
errans (Melsheimer)														
linearis (LeConte)														
H. defectus (Fall)	–	–	–	BC	–	–	MB	ON	PQ	–	–	–	–	–
H. gibbicollis (LeConte)	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
destructor (Fisher)														
roguensis (Hatch)														
H. pusillus (Fall)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
H. umbrosus (Fall)	AK	YK	–	–	AB	–	MB	ON	PQ	NB	–	–	–	–
Genus MICROBREGMA Seidlitz														
M. emarginatum emarginatum (Duftschmid)†	–	–	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
foveatum (Kirby)														
M. emarginatum granicolle Fall	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Tribe Hadrobregmini

Genus HADROBREGMUS C.G. Thomson														
Coelostethus LeConte														
H. americanus (Fall)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
H. notatus (Say)	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
H. quadrulus (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
H. truncatus (Fall)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Genus PRIOBIUM Motschulsky														
Key to North American species: White (1975*b*)														
P. sericeum (Say)	–	–	–	–	–	–	MB	ON	PQ	NB	NS	–	–	–
Genus DESMATOGASTER Knutson														
D. subconnata (Fall)	–	YK	–	–	AB	–	MB	–	PQ	–	–	–	–	–

Subfamily PTILININAE

Tribe Ptilinini

Genus PTILINUS O.F. Müller														
P. basalis LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. lobatus Casey	–	YK	–	BC	AB	–	MB	ON	–	–	–	–	–	–
serricollis Say														
P. pruinosus Casey	–	–	–	–	–	–	MB	ON	PQ	NB	–	–	–	–
P. ruficornis Say	–	–	–	–	AB	–	–	ON	PQ	–	NS	–	–	–
bicolor Melsheimer														

Subfamily XYLETININAE

Tribe Xyletinini

Genus VRILLETTA LeConte														
Pseudoxyletinus Pic														
V. decorata Van Dyke	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
V. laurentina Fall	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Genus EUVRILLETTA Fall
Oligomerodes Fall
Key to North American species: White (1985)

E. brevis R.E. White	–	–	–	–	AB	–	–	ON	–	–	–	–	–	–
E. harrisii (Fall)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
E. peltata (Harris)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–

Genus XYLETINUS Latreille
Key to North American species: White (1973, 1977)

X. bicolor R.E. White	–	YK	–	–	AB	SK	MB	–	–	–	–	–	–	–
X. confusus R.E. White	–	–	NT	BC	AB	–	–	–	PQ	–	–	–	–	–
X. fucatus LeConte	–	–	–	BC	–	SK	MB	ON	PQ	NB	–	–	–	NF
X. lugubris LeConte	–	–	–	–	AB	SK	MB	–	PQ	–	–	–	–	–
X. rotundicollis R.E. White	–	–	–	BC	AB	SK	–	–	–	–	–	–	–	–

Tribe Lasiodermini

Genus LASIODERMA Stephens
Key to North American species: White (1990)

L. serricorne (Fabricius)†	AK	–	–	–	AB	–	MB	ON	PQ	–	–	–	–	–
castaneum Melsheimer														

Subfamily DORCATOMINAE
Tribe Calymmaderini

Genus CALYMMADERUS Solier
Eupactus LeConte

C. nitidus (LeConte)		–	–	–	–	–	–	–	–	–	–	–	–	–

Tribe Petaliini

Genus PETALIUM LeConte
Key to North American species: Ford (1973)

P. bistriatum (Say)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
P. seriatum Fall	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Tribe Prothecini

Genus SCULPTOTHECA Schilsky

S. puberula (LeConte)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Genus STAGETUS Wollaston
Key to New World species: White (1975*b*)

S. profundus (LeConte)	–	–	–	BC	–	–	–	ON	PQ	–	–	–	–	–
striatopunctatus (LeConte)														

Tribe Dorcatomini

Genus DORCATOMA Herbst
Key to North American species: White (1966)

D. falli R.E. White	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
D. integra (Fall)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
D. moderata R.E. White	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
D. pallicornis LeConte	–	–	–	–	–	SK	MB	ON	PQ	NB	–	–	–	NF
foveata R.E. White														
D. setulosa LeConte	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Genus CAENOCARA C.G. Thomson
Tylistus LeConte

C. bicolor (Germar)	–	–	–	–	–	–	MB	ON	–	–	–	–	–	–
C. blanchardi Fall	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. oculatum (Say)	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
C. scymnoides LeConte	–	YK	NT	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
C. tenuipalpum Fall	–	–	–	–	–	–	–	?	–	–	–	–	–	–

Genus BYRRHODES LeConte

B. intermedius (LeConte)	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–

Subfamily TRICORYNINAE
Tribe Tricorynini

Genus TRICORYNUS Waterhouse
Catorama Guérin-Méneville
Hemiptychus LeConte
Key to North American species: White (1965)

T. borealis (LeConte)	–	–	–	–	–	–	MB	ON	–	–	–	–	–	–
T. confusus (Fall)	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
T. densus (Fall)	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
rogersi (Hatch)														
T. nigritulus (LeConte)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
T. nubilus (Fall)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
schuhi (Hatch)														

Family PTINIDAE spider beetles

Y. Bousquet

Only 16 ptinid species are found in Canada and Alaska, and all but three are introduced on this continent. Many of these species are found in mills, warehouses, granaries, stores, museums, and hospitals where they feed, in both the adult and larval stages, on a wide variety of products including grain, seeds, and drugs. These species are usually minor pests, since they rarely build up large populations. Spider beetles also occur in nests of mammals, birds, and bees; they are probably scavengers that feed on dry animal and vegetable matter.

Ptinidae, the common name of which refers to the fact that the adults of many species look like small spiders, is closely related to Anobiidae. The species are divided into two groups that are considered to be subfamilies or tribes. Papp has reviewed the North American fauna (1962). Many species that occur in Canada can be identified with the key provided by Brown (1940).

AK (1); BC (13); AB (5); SK (6); MB (7); ON (11); PQ (11); NB (9); NS (10); PE (1); NF (5) • I (13)

Subfamily GIBBIINAE

Genus GIBBIUM Scopoli
Scotias Czenpinski

G. aequinoctiale Boieldieu†	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
psylloides auct.														

Genus MEZIUM Curtis

M. affine Boieldieu†	–	–	–	BC	–	SK	MB	ON	PQ	NB	NS	–	–	–

Subfamily PTININAE

Genus SPHAERICUS Wollaston

S. gibboides (Boieldieu)†	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus TIPNUS C.G. Thomson
Epauloecus Mulsant & Rey

T. unicolor (Piller & Mitterpacher)†	–	–	–	–	–	–	–	–	–	NB	NS	–	–	–

Genus TRIGONOGENIUS Solier

T. globulus Solier†	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
farctus LeConte														

Genus NIPTUS Boieldieu

N. hololeucus (Faldermann)†	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	NF

Genus PSEUDEUROSTUS Heyden														
P. hilleri (Reitter)†	–	–	–	BC	AB	–	–	ON	PQ	NB	–	–	–	–
alienus (W.J. Brown)														
Genus PTINUS Linné														
(Subgenus PTINUS s. str.)														
P. bicinctus Sturm†	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	–
P. clavipes Panzer†	–	–	–	BC	–	–	–	ON	PQ	–	NS	–	–	–
brunneus Duftschmid														
hirtellus Sturm														
testaceus Olivier														
P. fur (Linné)†	–	–	–	BC	AB	–	–	ON	PQ	NB	NS	–	–	NF
humeralis Say														
latro Fabricius														
P. raptor Sturm†	–	–	–	BC	–	SK	MB	ON	PQ	NB	NS	–	–	NF
P. villiger (Reitter)†	–	–	–	BC	AB	SK	MB	ON	PQ	–	NS	–	–	NF
(Subgenus GYNOPTERUS Mulsant & Rey)														
P. californicus Pic	–	–	–	BC	–	–	MB	–	PQ	–	–	–	–	–
P. fallax Fall	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. falli Pic	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
P. ocellus W.J. Brown†	AK	–	–	BC	–	SK	MB	ON	PQ	NB	NS	–	–	NF
tectus auct.														

Superfamily Lymexyloidea

Family LYMEXYLIDAE ship-timber beetles

J.M. Campbell

Thirty-seven species of Lymexylidae are known around the world. Only one rare species occurs in Canada. Adults are found in decaying wood, on tree trunks, or under bark. The Canadian species is probably introduced, since it also occurs in Europe and was formerly very destructive to wooden ships.

The classification of the family is now fairly stable. Crowson (1955) and Wheeler (1986) believe that Lymexylidae is closely related to Cleroidea and Cucujoidea. Arnett (1968) places the family near Lampyridae, based on wing venation. Wheeler (1986) revised the world genera and higher classifications, including a study of the phylogeny, morphology, and known biology of the genera.

AB (1); ON (1); PQ (1); NB (1); NS (1); NF (1)

Subfamily HYLECOETINAE

Genus HYLECOETUS Latreille														
Elateroides J.C.Schaeffer														
Hyloceotus Melsheimer														
H. lugubris Say‡	–	–	–	–	AB	–	–	ON	PQ	NB	NS	–	–	NF
americanus Harris														

Superfamily Cleroidea

Family TROGOSSITIDAE bark-gnawing beetles

Y. Bousquet

Trogossitidae includes 22 species in Canada and Alaska. Most North American species are found under the bark of dead trees, in logs, and in stumps; a few species occur in fungi. The adults and larvae of many species feed on wood-eating insects; others feed on decaying matter or fungi. *Tenebroides mauritanicus* is a well-known stored-product pest that feeds on grains and cereal products.

Barron (1971) has revised the trogositids of North America. The species are divided into two subfamilies, Peltinae and Trogossitinae.

AK (4); YK (4); NT (5); BC (17); AB (6); SK (6); MB (6); ON (12); PQ (9); NB (2); NS (2); PE (1); LB (1); NF (3) • H (2)

Subfamily PELTINAE
Tribe Peltini

Genus CALITYS C.G. Thomson														
Nosodes LeConte														
Peltidea Motschulsky														
C. minor Hatch	–	YK	–	BC	AB	SK	–	ON	PQ	–	–	–	–	–
C. scabra (Thunberg)*	AK	–	NT	BC	AB	–	MB	ON	PQ	–	–	–	–	–
serrata (LeConte)														
silphides (Newman)														
Genus OSTOMA Laicharting														
Gaurambe C.G. Thomson														
O. columbiana Casey	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	–	–	LB	–
O. ferruginea (Linné)*	AK	YK	NT	BC	AB	SK	–	ON	PQ	–	NS	–	–	NF
fraterna (Randall)														
nigrina Casey														
septentrionalis (Randall)														
O. pippingskoeldi (Mannerheim)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Genus GRYNOCHARIS C.G. Thomson														
G. oregonensis (Schaeffer)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
G. quadrilineata (Melsheimer)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
marginata (Melsheimer)														
Genus THYMALUS Latreille														
T. marginicollis Chevrolat	–	–	–	BC	AB	SK	MB	ON	PQ	–	NS	–	–	NF
aubei Léveillé														
fulgidus Erichson														
Genus ERONYXA Reitter														
Ostomodes Reitter														
E. pallida (Motschulsky)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
dohrni (Reitter)														
lagrioides Reitter														
pilosula (Crotch)														

Subfamily TROGOSSITINAE
Tribe Trogossitini

Genus NEMOSOMA Latreille														
Pseudalindria Fall														
N. punctulatum Van Dyke	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
punctatum Van Dyke														
Genus CORTICOTOMUS Sharp														
Parafilumis Casey														
C. caviceps (Fall)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
laeviventris Casey														
Genus AIRORA Reitter														
A. aequalis Reitter	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
bicolor Casey														
polita Casey														
punctiventris Casey														
A. cylindrica (Audinet-Serville)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
nigella (Melsheimer)														
nigra (Melsheimer)														
teres (Melsheimer)														
Genus TEMNOCHILA Westwood														
T. chlorodia (Mannerheim)	–	–	NT	BC	–	–	–	–	–	–	–	–	–	–
melanica Hatch														
prosternalis Schaeffer														
viridicyanea (Mannerheim)														

Genus TENEBROIDES Piller & Mitterpacher
Trogossita Olivier

T. americanus (Kirby)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
castaneus (Melsheimer)														
nigritus (Horn)														
T. collaris (Sturm)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
T. corticalis (Melsheimer)	AK	YK	NT	BC	–	SK	MB	ON	PQ	–	–	–	–	–
dubius (Melsheimer)														
intermedius (Horn)														
limbalis (Melsheimer)														
T. crassicornis (Horn)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
californicus (Horn)														
pleuralis (Horn)														
T. laticollis (Horn)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
obscurus (Horn)														
T. mauritanicus (Linné)‡	–	–	–	BC	AB	SK	MB	ON	PQ	NB	–	PE	–	NF
nitidus (Horn)														
T. occidentalis Fall	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
T. sinuatus (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Family CLERIDAE checkered beetles

J. McNamara

Cleridae includes 50 species and subspecies in Canada and Alaska. Most species are predaceous, the adults feeding on adult bark beetles and the larvae on eggs, larvae, and adults of wood-boring beetles in galleries. Several species of *Enoclerus* and *Thanasimus* are believed to be important in the natural control of bark beetles in coniferous forests. Adults of Cleridae are found mostly on plants, tree trunks, or under bark. Some are found on flowers, feeding on pollen. Some species of *Necrobia* are scavengers and are economically important as pests of stored food, carcasses, and skins.

In North America the taxonomy of clerids is reasonably well known, but the literature is scattered. A revision of the family would be helpful. Barr (1962*a*) has published a key to the genera. There is no comprehensive work for the Canadian fauna, but most eastern species could be identified by referring to Knull (1951) and most western species by referring to Barr (1962*b*).

AK (5); YK (4); NT (5); BC (22); AB (12); SK (10); MB (14); ON (32); PQ (24); NB (11); NS (4); NF (4) • I (5)

Subfamily CLERINAE

Tribe Tillini

Genus MONOPHYLLA Spinola
Elasmocerus LeConte
Macrotelus Klug

M. terminata (Say)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
megatoma Spinola														

Genus CYMATODERA Gray

C. bicolor (Say)	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
C. decipiens Fall	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. inornata (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
tenera LeConte														
C. ovipennis LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
pilosella LeConte														
C. undulata (Say)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
boscii (Chevrolat)														
longicollis Spinola														
vauthieri Spinola														

Tribe Phyllobaenini

Genus PHYLLOBAENUS Dejean
Hydnocera Newman

P. dubius (Wolcott)	–	–	–	–	–	SK	MB	–	–	–	–	–	–	–
P. humeralis (Say)	–	–	–	BC	AB	SK	MB	ON	PQ	NB	–	–	–	–
cyanescens (LeConte)														
cyaneus (Spinola)														
difficilis (LeConte)														
P. lecontei (Wolcott)	AK	–	NT	BC	–	SK	MB	ON	PQ	NB	–	–	–	–
P. pallipennis (Say)	–	–	–	–	–	–	MB	ON	PQ	NB	NS	–	–	–
serratus (Newman)														
P. scaber (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. subfasciatus (LeConte)	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–
P. unifasciatus (Say)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
punctatus (Spinola)														
P. verticalis (Say)	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
brachypterus (Klug)														
lineatocollis (Spinola)														
tenellus (Say)														

Genus ISOHYDNOCERA E.A. Chapin

I. curtipennis (Newman)	–	–	–	–	–	–	MB	ON	PQ	NB	NS	–	–	–
longicollis (Ziegler)														
I. tabida (LeConte)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Tribe Thaneroclerini

Genus ZENODOSUS Wolcott

Z. sanguineus (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Tribe Clerini

Genus PRIOCERA Kirby

P. castanea (Newman)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
maculata Ziegler														
rufescens Spinola														

Genus OPILO Latreille

O. domesticus (Sturm)†	–	–	–	–	–	–	–	–	–	–	–	–	–	–

Genus THANASIMUS Latreille

T. dubius (Fabricius)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	–	–	–	NF
erythrocephalus (Spinola)														
ruficeps (Spinola)														
T. trifasciatus (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
T. undatulus (Say)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
abdominalis Kirby														
melanocephalus Chevrolat														
nubilus (Klug)														

Genus PLACOPTERUS Wolcott
Poecilochroa Chevrolat

P. thoracicus (Olivier)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
monilis (Melsheimer)														
pallipes (Wolcott)														

Genus ENOCLERUS Gahan

E. barri Knull	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
E. coccineus coccineus (Schenkling)	–	–	–	–	AB	SK	–	–	–	–	–	–	–	–
corallinus (Fall)														
E. eximius (Mannerheim)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
holosericeus (A. White)														
E. ichneumoneus (Fabricius)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
rufus (Olivier)														
E. laetus (Klug)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
abruptus (LeConte)														
E. lecontei (Wolcott)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
nigriventris (LeConte)														
E. muttkowskii (Wolcott)	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
liljebladi Wolcott														

E. nigrifrons (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
gerhardi Wolcott														
testaceipes Wolcott														
E. nigripes nigripes (Say)	–	–	–	–	–	–	MB	ON	PQ	NB	–	–	–	–
dubius (Spinola)														
incertus (LeConte)														
E. nigripes rufiventris (Spinola)	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
E. rosmarus (Say)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
oculatus (Spinola)														
E. schaefferi Barr	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
humeralis Schaeffer														
E. sphegeus (Fabricius)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
sobrius (Walker)														

Genus TRICHODES Herbst
Key to North American species: Foster (1976)

T. apivorus borealis Wolcott & E.A. Chapin	–	–	–	–	–	–	–	–	–	–	–	–	–	–
interruptus LeConte														
nuttalli Say														
trifasciatus Sturm														
T. nutalli (Kirby)	–	–	–	–	AB	SK	MB	ON	PQ	–	–	–	–	–
T. ornatus hartwegianus A. White	AK	YK	NT	BC	AB	–	–	–	–	–	–	–	–	–

Subfamily KORYNETINAE

Tribe Epiphloeini

Genus PHLOGISTOSTERNUS Wolcott
Phyllobaenus Spinola

P. dislocatus (Say)	–	–	–	–	–	–	MB	ON	PQ	NB	–	–	–	–
distrophus (Klug)														
transversalis (Spinola)														

Genus NEICHNEA Wolcott & E.A. Chapin

N. laticornis (Say)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Tribe Enopliini

Genus NEORTHOPLEURA Barr
Key to species: Barr (1976)

N. thoracica (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
bimaculata (Melsheimer)														
nigripennis (Spinola)														
pennsylvanica (Chevrolat)														
punctatissima (Chevrolat)														

Genus CHARIESSA Perty
Brachymorphus Chevrolat

C. elegans Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
lemberti La Rivers														
C. pilosa (Forster)	–	–	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
cincta (Spinola)														
marginata (Say)														
onusta (Say)														

Genus BOSCHELLA Barr

B. fasciata (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
trilobata (Van Dyke)														

Genus CREGYA LeConte
Galeruclerus Gahan

C. oculata (Say)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
marginipennis (Spinola)														

Tribe Korynetini

Genus NECROBIA Olivier

N. ruficollis (Fabricius)†	–	–	–	BC	–	–	–	ON	PQ	–	–	–	–	–
N. rufipes (DeGeer)†	–	–	–	BC	AB	–	–	ON	PQ	–	–	–	–	NF
N. violacea (Linné)†	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	–	–	–	NF
errans Melsheimer														

Subfamily TARSOSTENINAE

Genus TARSOSTENUS Spinola

T. univittatus (Rossi)†	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
albofasciatus (Melsheimer)														

Family MELYRIDAE soft-winged flower beetles

D.E. Bright

Melyridae includes 49 species known to occur in Canada. The adults commonly occur on flowers and evidently feed on other insects as well as on pollen. Larvae are primarily predators, occurring in various habitats but most commonly in soil, leaf litter, or under bark. One species, *Malachius aeneus*, has been introduced in North America and causes considerable damage to developing wheat in the Prairie Provinces.

The taxonomy of the North American melyrids is in poor condition, and the family is in need of careful study. There are no recent revisions or taxonomic treatments of the Nearctic species; the information below therefore reflects our best effort at achieving a list based on available literature. Arnett (1968) provides a key to the genera and Hatch (1962) a key to the species of the Pacific Northwest.

YK (2); NT (3); BC (35); AB (16); SK (5); MB (6); ON (10); PQ (10); NB (1); NS (1); NF (1) • I (2)

Subfamily MALACHIINAE

Genus COLLOPS Erichson

C. bipunctatus (Say)	–	–	–	–	AB	SK	–	–	–	–	–	–	–	–
C. cribrosus LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
cyanipennis Motschulsky														
C. discretus Fall	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. hirtellus LeConte	–	–	NT	BC	AB	SK	–	–	–	–	–	–	–	–
C. quadrimaculatus (Fabricius)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
C. tricolor (Say)	–	–	–	–	–	SK	MB	ON	PQ	–	–	–	–	–
C. versatilis Fall	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. vittatus (Say)	–	–	NT	–	AB	SK	MB	ON	PQ	–	–	–	–	–
haworthi Westwood														

Genus ENDEODES LeConte
Key to North American species: Moore & Legner (1975*b*)

E. collaris LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus MALACHIUS Fabricius
Anthocomus Erichson
Hapalorhinus LeConte
Microlipus LeConte

M. aeneus (Linné)†	–	–	–	BC	AB	–	–	ON	PQ	NB	NS	–	–	NF
M. auritus LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
M. bipunctatus (Harrer)†	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
M. blaisdelli Hopping	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
M. erichsonii (LeConte)	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
criddlei W.J. Brown														
lateralis LeConte														
M. flavilabrus (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
coeruleus Randall														

M. floricola Marshall	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
M. franciscanus Fall	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
M. horni Fall	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
antennatus Hopping														
M. macer Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
M. mixtus Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
M. mirandus (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
M. moerens LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
uniformis Motschulsky														
M. nigrinus Fall	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
M. thevenetii Horn	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
contortus Fall														
M. ulkei Horn	–	–	–	–	AB	–	MB	ON	PQ	–	–	–	–	–
Genus TANAOPS LeConte														
Caphalistes Motschulsky														
T. ignitus Fall	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
basalis W.J. Brown														
blaisdelli (Malkin)														
nunenmacheri Marshall														
sierrae Marshall														
T. malkini Marshall	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Genus HYPEBAEUS Kiesenwetter														
Pseudebaeus Horn														
H. apicalis (Say)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
oblitus (LeConte)														
H. bicolor (LeConte)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
Genus ATTALUS Erichson														
(Subgenus ACLETUS LeConte)														
A. nigrellus (LeConte)	–	YK	–	BC	AB	–	–	ON	PQ	–	–	–	–	–
falli (Hopping)														
(Subgenus ATTALUS s. str)														
(*Scalopterus* Motschulsky)														
A. morulus smithi Hopping	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. pallifrons (Motschulsky)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
A. humeralis LeConte	–	–	–	–	–	–	–	–	–	–	–	–	–	–
pettiti Horn														

Subfamily RHADALINAE

Key to genera: Peacock (1987)

Genus SEMIJULISTUS Schilsky														
Eurelymis Casey														
S. ater (LeConte)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–

Subfamily DASYTINAE

Key to North American genera: Blaisdell (1938*a*)

Genus DOLICHOSOMA Stephens														
D. foveicolle (Kirby)	–	–	–	BC	AB	–	MB	ON	PQ	–	–	–	–	–
Genus DASYTES Paykull														
D. cruralis (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Genus AMPHIVECTURA Blaisdell														
A. monticola (Blaisdell)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
Genus HOPPINGIANA Blaisdell														
H. hudsonica (LeConte)	–	YK	NT	BC	AB	SK	MB	–	PQ	–	–	–	–	–
brevilabris Blaisdell														
kingi W.J. Brown														

Genus TRICHOCHROUS Motschulsky

T. albertensis Blaisdell	–	–	–	–	AB	–	–	–	–	–	–	–	–	–

Genus AMECOCERUS Solier
Listrus Motschulsky

A. confusus Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. glabratus Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. medicatus Blaisdell	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
A. olympianus Blaisdell	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. plenus Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. provincialis Blaisdell	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. quadricollis Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. robustus Blaisdell	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. senilis (LeConte)	–	–	–	–	AB	–	–	–	–	–	–	–	–	–

Genus DASYRHADUS Fall

D. impressicollis Fall	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Superfamily Cucujoidea

Family SPHINDIDAE dry-fungus beetles

J.M. Campbell

Sphindidae is a small family comprising 35 species around the world, of which five are known to occur in Canada. Adults and larvae feed on spores of slime molds.

Casey (1898) prepared the last revision of the North American sphindids. Sen Gupta and Crowson (1979) revised the higher classification of the family, which is in need of a taxonomic revision; most current records are unreliable.

BC (2); AB (1); ON (3); PQ (4)

Subfamily SPHINDINAE
Tribe Odontosphindini

Genus ODONTOSPHINDUS LeConte

O. clavicornis Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
O. denticollis LeConte	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Tribe Sphindini

Genus SPHINDUS Chevrolat
Coniophagus Mink

S. americanus LeConte	–	–	–	BC	AB	–	–	ON	PQ	–	–	–	–	–
S. trinifer Casey	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Subfamily EURYSPHINDINAE

Genus EURYSPHINDUS LeConte

E. hirtus LeConte	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–

Family NITIDULIDAE sap beetles

J. McNamara

The family Nitidulidae comprises 101 species in Canada and Alaska. Members of this family are mostly saprophagous and mycetophagous. The majority live in decaying fruit, fermenting plant juice, and fungi, but some also live in flowers. Some species breed in the nests of bumblebees and others in carrion. The larvae of some species prey on scolytids; the larvae of others are considered fungivorous. The larvae of Cateretinae live in seed capsules of various plants, with the adults feeding on the pollen and petals of the same plants or sometimes of others.

Parsons (1943) published a revision of the Nearctic Nitidulidae, and most western species can be keyed out by referring to Hatch (1962).

AK (17); YK (10); NT (8); BC (63); AB (44); SK (16); MB (45); ON (56); PQ (63); NB (13); NS (15); PE (3); LB (1); NF (13) • H (3); I (7)

Subfamily CATERETINAE

Genus HETERHELUS Jacquelin du Val														
H. pennatus (Murray) *crinitus* (Murray)	–	–	–	BC	–	–	–	ON	PQ	–	–	–	–	NF
H. sericans (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Genus CATERETES Herbst														
(Subgenus CATERETES s. str.)														
C. scissus Parsons	AK	–	NT	–	AB	SK	–	ON	PQ	–	–	–	–	–
Genus BOREADES Parsons														
B. abdominalis (Erichson)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
Genus BRACHYPTERUS Kugelann														
B. globularius Murray	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
B. troglodytes Murray	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
B. urticae (Fabricius)‡ *pusillus* (Melsheimer)	–	–	NT	BC	AB	SK	MB	ON	PQ	–	–	–	–	NF
Genus BRACHYPTEROLUS Grouvelle														
B. pulicarius (Linné)† *mordelloides* Notman	–	–	–	–	AB	SK	MB	ON	PQ	NB	NS	PE	–	NF

Subfamily CARPOPHILINAE

Genus CONOTELUS Erichson														
C. obscurus Erichson	–	–	–	–	–	–	MB	ON	PQ	NB	NS	–	–	–
Genus COLOPTERUS Erichson *Colastus* Erichson *Cyllopodes* Murray Key to North American species: Parry & Howden (1975)														
C. maculatus (Erichson)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
C. semitectus (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
C. truncatus (Randall) *infimus* (Erichson) *limbatus* (LeConte) *obliquus* (LeConte)	–	YK	–	BC	AB	SK	MB	ON	PQ	–	NS	–	–	–
Genus CARPOPHILUS Stephens														
(Subgenus CARPOPHILUS s. str.) (*Tribrachys* LeConte)														
C. antiquus Melsheimer	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
C. brachypterus (Say) *carbonatus* LeConte	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–

C. dimidiatus (Fabricius)‡	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
C. discoideus LeConte	–	–	–	BC	–	–	–	ON	–	–	–	–	–	–
apicalis LeConte														
caudalis (LeConte)														
C. hemipterus (Linné)‡	AK	–	–	BC	AB	–	–	ON	PQ	–	–	–	–	–
bimaculatus Melsheimer														
C. ligneus Murray	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
decipiens Horn														
C. lugubris Murray	–	–	–	–	AB	–	–	ON	–	–	–	–	–	–
C. marginellus Motschulsky‡	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
nitens Fall														
C. mutilatus Erichson‡	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
luridus Murray														
C. pallipennis (Say)	–	–	–	–	AB	SK	–	–	–	–	–	–	–	–
pollens Sharp														
C. sayi Parsons	–	–	–	–	–	–	MB	–	PQ	–	–	–	–	–

Subfamily NITIDULINAE

Genus EPURAEA Erichson														
Epuraeanella Crotch														
E. adumbrata Mannerheim	AK	–	NT	BC	AB	–	–	–	PQ	–	–	–	–	–
E. aestiva (Linné)†	AK	–	–	BC	AB	–	MB	ON	PQ	–	–	–	–	NF
convexiuscula Mannerheim														
E. alternans Grouvelle	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
alticola Fall														
E. alternata Parsons	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
E. ambigua Mannerheim	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
E. avara (Randall)	AK	YK	–	BC	–	–	MB	ON	PQ	NB	NS	–	–	NF
nubila LeConte														
E. boreades Parsons	–	–	–	BC	–	–	–	ON	PQ	NB	–	–	–	–
E. corticina Erichson	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
E. erichsoni Reitter	–	–	NT	BC	–	SK	MB	ON	PQ	–	–	–	–	–
E. flavomaculata Mäklin	AK	–	–	–	AB	–	MB	ON	PQ	NB	–	–	–	–
E. fulvescens Horn	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
E. helvola Erichson	–	–	–	–	–	SK	MB	ON	PQ	–	–	–	–	–
castanea (Melsheimer)														
rufa Reitter														
E. horni Crotch	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
duryi Blatchley														
E. labilis Erichson	–	–	–	BC	–	–	MB	ON	PQ	–	NS	–	–	–
E. linearis Mäklin	AK	–	NT	BC	AB	–	–	–	PQ	–	–	–	–	–
E. obliquus Hatch	–	–	–	BC	AB	–	–	–	PQ	NB	–	–	–	–
E. obtusicollis Reitter	–	–	–	BC	AB	SK	MB	–	PQ	–	–	–	–	–
E. ovata Horn	–	–	–	BC	–	–	MB	–	PQ	–	–	–	–	–
E. parsonsi Connell	–	YK	–	BC	AB	SK	–	–	PQ	–	NS	–	–	NF
E. peltoides Horn	–	–	–	–	AB	–	MB	ON	PQ	–	–	–	–	–
E. planulata Erichson	AK	–	–	BC	AB	–	MB	ON	PQ	NB	–	–	–	–
placida Mäklin														
E. populi Dodge	–	–	–	BC	AB	–	MB	–	PQ	–	–	–	–	–
E. rufa (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
badia (Melsheimer)														
rotundicollis Reitter														
E. rufida (Melsheimer)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
E. terminalis Mannerheim*	AK	YK	–	BC	AB	–	MB	ON	PQ	NB	–	–	–	–
infuscata Mäklin														
E. truncatella Mannerheim	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	–	–	LB	NF
nigra Mäklin														
ornatula Notman														
E. umbrosa Horn	–	–	–	–	–	–	–	–	PQ	NB	–	–	–	–
Genus APHENOLIA Reitter														
A. monogama (Crotch)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Genus STELIDOTA Erichson														
S. octomaculata (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
biseriata Reitter														

Nitidulidae

Genus OMOSITA Erichson														
(Subgenus SAPROBIA Ganglbauer)														
O. colon (Linné)‡	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
O. discoidea (Fabricius)‡	AK	–	–	BC	AB	–	MB	ON	PQ	–	NS	–	–	NF
inversa LeConte														
Genus NITIDULA Fabricius														
N. bipunctata (Linné)†	AK	YK	–	BC	AB	–	MB	ON	PQ	–	–	–	–	–
N. carnaria (Schaller)†	–	–	–	BC	–	–	–	ON	PQ	–	NS	–	–	–
N. nigra Schaeffer	AK	YK	–	BC	AB	–	MB	–	–	–	–	–	–	–
N. rufipes (Linné)†	–	–	–	BC	AB	–	MB	ON	PQ	NB	NS	–	–	NF
ossium Kirby														
N. ziczac Say	–	–	NT	BC	AB	–	MB	–	–	–	–	–	–	–
humeralis LeConte														
inornata Horn														
uniguttata Melsheimer														
Genus PROMETOPIA Erichson														
P. sexmaculata (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
Genus LOBIOPA Erichson														
Cerophorus Castelnau														
L. setosa Harold	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
substriata (Hamilton)														
L. undulata (Say)	–	–	–	–	AB	–	MB	ON	PQ	–	–	–	–	–
Genus SORONIA Erichson														
S. grisea (Linné)†	–	–	–	–	–	–	–	–	–	–	–	–	–	NF
S. guttulata (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Genus PHENOLIA Erichson														
P. grossa (Fabricius)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
Genus THALYCRA Erichson														
Perthalycra Horn														
Key to New World species: Howden (1961)														
T. concolor (LeConte)	–	YK	–	BC	AB	–	MB	ON	PQ	–	–	–	–	–
T. dentata H. Howden	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
T. keltoni H. Howden	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
T. leechi H. Howden	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
T. mixta H. Howden	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
T. monticola H. Howden	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
T. murrayi (Horn)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
T. parsonsi H. Howden	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
T. sinuata H. Howden	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
Genus POCADIUS Erichson														
P. fulvipennis Erichson	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
dorsalis Horn														
P. helvolus Erichson	–	–	NT	BC	–	SK	MB	–	–	–	–	–	–	–
breviusculus Reitter														
infuscatus Reitter														
limbatus Reitter														
Genus AMPHICROSSUS Erichson														
A. ciliatus (Olivier)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
unilineatus (Say)														
Genus CYCHRAMUS Kugelann														
Quadrifrons Blatchley														
C. adustus Erichson	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
Genus PALLODES Erichson														
P. pallidus (Palisot de Beauvois)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
silaceus Erichson														

Genus CYLLODES Erichson

C. biplagiatus LeConte	–	–	–	–	–	–	MB	–	–	–	–	–	–	–

Subfamily MELIGETHINAE

Genus MELIGETHES Stephens
Key to North American species: Easton (1955)

M. atratus (Olivier)†	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
M. canadensis Easton	AK	YK	–	BC	AB	–	MB	ON	PQ	–	–	–	–	–
M. cleominis Easton	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–
M. dauricus Motschulsky*	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–
californicus Reitter														
moerens LeConte														
rufimanus LeConte														
M. nigrescens Stephens*	–	YK	–	BC	AB	–	MB	ON	PQ	–	NS	PE	–	–
seminulum LeConte														
M. pinguis Horn	–	–	–	–	–	–	–	–	–	–	–	–	–	NF
M. saevus LeConte	–	–	–	–	AB	–	MB	–	–	–	–	–	–	–
M. simplipes Easton	–	–	–	–	–	–	–	ON	PQ	–	NS	PE	–	–

Subfamily CRYPTARCHINAE

Genus PITYOPHAGUS Shuckard

P. rufipennis Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus CRYPTARCHA Shuckard

(Subgenus CRYPTARCHA s. str.)

C. ampla Erichson	–	–	–	BC	AB	–	MB	ON	PQ	–	–	–	–	–

(Subgenus LEPIARCHA Sharp)

C. concinna Melsheimer	–	–	–	BC	AB	–	MB	ON	PQ	–	–	–	–	–
bella Reitter														
liturata LeConte														
picta Melsheimer														

Genus GLISCHROCHILUS Reitter

(Subgenus LIBRODOR Reitter)

G. fasciatus (Olivier)	–	–	–	BC	–	–	MB	ON	PQ	–	NS	–	–	–
geminatus (Melsheimer)														
quadrimaculosa (Melsheimer)														
G. quadrisignatus (Say)	–	–	–	BC	AB	–	MB	ON	PQ	–	NS	–	–	NF
bipunctatus (Melsheimer)														
bipustulatus (Melsheimer)														
canadensis W.J. Brown														
sexpustulatus (Reitter)														
similis (Melsheimer)														
G. sanguinolentus rubromaculatus (Reitter)	–	–	–	–	–	–	–	–	PQ	NB	NS	–	–	–
G. sanguinolentus sanguinolentus (Olivier)	–	–	–	BC	AB	–	–	ON	PQ	–	–	–	–	–
G. siepmanni W.J. Brown	–	–	–	BC	AB	SK	MB	ON	PQ	NB	–	–	–	–

(Subgenus GLISCHROCHILUS s. str.)

G. confluentus (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
G. lecontei W.J. Brown	–	–	–	BC	–	–	MB	–	–	–	–	–	–	–
G. moratus W.J. Brown	–	–	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
G. vittatus (Say)	AK	–	–	BC	AB	–	MB	ON	PQ	–	–	–	–	–
dejeanii (Kirby)														
sepulcralis (Randall)														

Subfamily CYBOCEPHALINAE

Genus CYBOCEPHALUS Erichson

C. californicus Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Family RHIZOPHAGIDAE rhizophagid beetles

Y. Bousquet

Twenty-four species and subspecies of rhizophagids are known to occur in Canada and Alaska. They are collected most commonly under the bark of dead trees, in rotten logs, and in decaying vegetation. A few species live in ant nests, and some species of *Monotoma* are occasionally found in buildings. Very little is known about their feeding habits. Members of Rhizophaginae are mostly predaceous, feeding on wood-boring beetles, especially scolytids; those of Monotominae are apparently fungus feeders.

The taxonomy of the Nearctic species has been poorly studied, and most genera are in need of modern revision. Crowson (1955) recognized four subfamilies, two of which (Rhizophaginae and Monotominae) are found within the borders of Canada and Alaska. Sen Gupta (1988) recently reviewed the world genera of the family.

AK (3); YK (1); BC (15); AB (7); SK (3); MB (4); ON (15); PQ (11); NB (4); NS (3); NF (5) • I (3)

Subfamily RHIZOPHAGINAE

Genus RHIZOPHAGUS Herbst Key to North American species: Bousquet (1990)														
(Subgenus ANOMOPHAGUS Reitter)														
R. brunneus brunneus Horn	–	–	–	–	AB	–	–	ON	PQ	NB	–	–	–	–
R. galbus Bousquet	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
R. pseudobrunneus Bousquet	AK	–	–	BC	AB	–	MB	–	–	–	–	–	–	–
(Subgenus EURHIZOPHAGUS Méquignon)														
R. grouvellei Méquignon	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
(Subgenus RHIZOPHAGUS s. str.)														
R. dimidiatus Mannerheim *testaceus* Méquignon	AK	YK	–	BC	AB	–	–	ON	PQ	–	NS	–	–	NF
R. minutus minutus Mannerheim	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
R. minutus rotundicollis Bousquet	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	NF
R. parallelocollis Gyllenhal† *robustus* Schaeffer	–	–	–	BC	–	–	–	ON	PQ	–	NS	–	–	NF
R. remotus LeConte *luteus* Méquignon	AK	–	–	BC	AB	–	MB	ON	PQ	–	NS	–	–	–
R. sayi Schaeffer *bipunctatus* (Say)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
R. sculpturatus Mannerheim	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Subfamily MONOTOMINAE

Genus PYCNOTOMINA Casey														
P. cavicollis (Horn)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
Genus MACREUROPS Casey														
M. longicollis (Horn)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Genus BACTRIDIUM LeConte *Crine* Pascoe														
B. ephippigerum (Guérin-Méneville)	–	–	–	BC	–	–	–	ON	–	–	–	–	–	–
B. striolatum (Reitter)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
Genus HESPEROBAENUS LeConte														
H. abbreviatus (Motschulsky) *rufipennis* (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Genus MONOTOMA Herbst														
M. americana Aubé	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
M. arida Casey	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
M. fulvipes Melsheimer *opaca* Ziegler *parallelocollis* Motschulsky *subnigra* Motschulsky	–	–	–	BC	AB	–	MB	–	–	–	–	–	–	–

M. longicollis (Gyllenhal)†	–	–	–	BC	AB	SK	–	ON	PQ	NB	–	–	–	NF
M. parallela LeConte	–	–	–	BC	–	SK	–	ON	PQ	–	–	–	–	–
M. picipes Herbst†	–	–	–	BC	AB	–	MB	ON	PQ	NB	–	–	–	NF
foveata LeConte														
M. producta LeConte	–	–	–	–	–	–	–	–	–	NB	–	–	–	–
M. quadraria Casey	–	–	–	–	–	SK	–	ON	–	–	–	–	–	–

Family CUCUJIDAE flat bark beetles

Y. Bousquet

The cucujids currently include 31 species and subspecies in Canada and Alaska. The adults are usually found under the bark of dead trees, in logs, and in decaying plant matter. Some species apparently feed on fungi and decaying matter, others prey on insects. Six of the species occurring in Canada, *Cryptolestes ferrugineus, C. pusillus, C. turcicus, Ahasverus advena, Oryzaephilus surinamensis*, and *O. mercator*, are associated with stored products; four of them are among the most serious pests in the country.

Lawrence's concept (1982*a*) of the family is followed here. Many authors rank the silvanids as a distinct family. There is no modern taxonomic revision of Cucujidae, but some genera have recently been revised.

AK (3); YK (1); NT (2); BC (15); AB (10); SK (9); MB (17); ON (26); PQ (24); NB (5); NS (4); PE (1); LB (1); NF (5) • H (1); I (10)

Subfamily CUCUJINAE

Genus CUCUJUS Fabricius

C. clavipes clavipes Fabricius	–	–	–	–	–	–	MB	ON	PQ	–	NS	–	–	NF
C. clavipes puniceus Mannerheim	AK	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–
subnitens Schaeffer														

Genus PEDIACUS Shuckard

P. depressus (Herbst)†	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
subglaber LeConte														
P. fuscus Erichson*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	–	–	LB	–
planus LeConte														
subcarinatus Mannerheim														

Subfamily PASSANDRINAE

Genus CATOGENUS Westwood

C. rufus (Fabricius)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Subfamily LAEMOPHLOEINAE

Genus PLACONOTUS MacLeay
Silvanophloeus Sharp
Key to New World species: Thomas (1984)

P. zimmermanni (LeConte)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
apertus (Casey)														
illustris (Casey)														
sobrinus (Casey)														

Genus LAEMOPHLOEUS Dejean

L. biguttatus (Say)	–	–	–	BC	–	SK	MB	ON	PQ	NB	NS	PE	–	NF
bisignatus Guérin-Méneville														
L. fasciatus Melsheimer	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–

Genus CHARAPHLOEUS Casey

C. adustus (LeConte)	–	–	–	–	–	–	MB	ON	PQ	–	NS	–	–	–
C. convexulus (LeConte)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Genus CRYPTOLESTES Ganglbauer
Key to New World species: Thomas (1988)

C. ferrugineus (Stephens)†	–	–	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	NF
C. punctatus (LeConte)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
adumbratus Casey														
extricatus (Casey)														
geminatus (LeConte)														
C. pusillus (Schönherr)†	–	–	–	BC	–	–	MB	ON	PQ	–	–	–	–	–
longicornis (Mannerheim)														
minutus (Olivier)														
pauper (Sharp)														
testaceus (Stephens)														
C. turcicus (Grouvelle)†	–	–	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	–

Genus LEPTOPHLOEUS Casey

L. alternans (Erichson)‡	–	–	–	BC	–	–	–	–	PQ	–	–	–	–	–

Subfamily SILVANINAE
Tribe Uleiotini

Genus ULEIOTA Latreille
Brontes Fabricius

U. debilis (LeConte)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
U. dubia dubia (Fabricius)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
denticulata Smith														
U. dubia truncata Motschulsky	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus DENDROPHAGUS Schönherr

D. cygnaei Mannerheim	AK	–	–	BC	AB	–	MB	ON	PQ	–	–	–	–	NF
americanus Mannerheim														
germari Mannerheim														
glaber LeConte														

Genus TELEPHANUS Erichson
Heterodromia Haldeman

T. velox Haldeman	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Tribe Silvanini

Genus SILVANUS Latreille
Key to species: Halstead (1975)

S. bidentatus (Fabricius)†	–	–	–	BC	–	–	–	ON	PQ	NB	–	–	–	–
S. muticus Sharp	–	–	–	BC	–	–	–	ON	PQ	–	–	–	–	–
S. nitidulus LeConte	–	–	–	–	AB	–	MB	–	–	–	–	–	–	–
S. planatus Germar	–	–	–	–	AB	SK	MB	ON	PQ	–	–	–	–	–
cognatus LeConte														
zimmermanni Guérin-Méneville														

Genus CATHARTOSILVANUS Grouvelle
Key to species: Halstead (1975)

C. imbellis (LeConte)	–	–	NT	–	–	–	–	ON	PQ	–	–	–	–	–
C. fagi (Guérin-Méneville)†	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Genus AHASVERUS des Gozis

A. advena (Waltl)†	–	–	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
musaeorum (Ziegler)														
A. longulus (Blatchley)	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
parviceps (Casey)														

Genus ORYZAEPHILUS Ganglbauer
Key to species: Halstead (1980)

O. mercator (Fauvel)†	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
O. surinamensis (Linné)†	–	–	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	–

Genus NAUSIBIUS Redtenbacher

N. clavicornis (Kugelann)†	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Family CRYPTOPHAGIDAE silken fungus beetles

Y. Bousquet

Sixty-six species of cryptophagids are recorded in Canada and Alaska. These beetles are usually found on mold, on fungi, under bark, as well as in decaying vegetation and nests of social Hymenoptera, birds, and mammals; one species, *Myrmedophila americana*, lives in ant nests. Adults and larvae of most species feed on mold and decaying vegetation; those of *Telmophilus* species apparently feed on flower heads of certain aquatic plants. Several species of *Cryptophagus* are found in stored products, where they feed on mold.

This group is poorly studied taxonomically. Since Casey's (1900) revision of the North American fauna, only the genus *Cryptophagus* has been revised (Woodroffe and Coombs 1961). Many genera previously included within the cryptophagids have been transferred recently to Languriidae. The reader can expect many nomenclatural changes at the specific level, as well as many new distribution records, when the cryptophagid groups are revised. The generic classification of the Cryptophaginae used here follows Bousquet (1989).

AK (26); YK (1); NT (3); BC (47); AB (15); SK (7); MB (12); ON (19); PQ (17); NB (2); NS (3); LB (2); NF (3) • H (11); I (8)

Subfamily TELMATOPHILINAE

Genus TELMATOPHILUS Heer														
T. americanus LeConte	–	–	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	–

Subfamily CRYPTOPHAGINAE

Key to North American genera: Bousquet (1989)

Tribe Cryptophagini

Genus ANTHEROPHAGUS Latreille														
A. convexulus LeConte	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
A. ochraceus Melsheimer	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	NF
oregonus Casey														
A. pallidivestis Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. suturalis Mäklin	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
Genus HENOTIDERUS Reitter														
Crosimus Casey														
Henoticoides Hatch														
H. lorna (Hatch)	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
H. obesulus (Casey)	AK	–	NT	–	AB	–	–	ON	PQ	–	NS	–	–	–
Genus HENOTICUS C.G. Thomson														
Coniophthalma Kangas														
Glyptophorus Park														
H. californicus (Mannerheim)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
inconspicuus (LeConte)														
H. serratus (Gyllenhal)	AK	–	–	BC	–	–	MB	ON	PQ	–	–	–	–	–
denticulatus (LeConte)														
Genus PTERYNGIUM Reitter														
P. crenatum (Gyllenhal)‡	–	–	–	BC	–	–	–	–	PQ	–	–	–	–	–
malacum Casey														
Genus SALEBIUS Casey														
S. octodentatus (Mäklin)	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
sexdentatus Casey														
Genus CRYPTOPHAGUS Herbst														
Cryptophagistes Crotch														
Key to North American species: Woodroffe and Coombs (1961)														
C. acutangulus (Gyllenhal)*	AK	–	–	BC	AB	–	MB	ON	PQ	–	–	–	–	NF
prominens Casey														
restrictus Casey														

C. bidentatus Mäklin	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
punctatissimus Mäklin														
C. cellaris (Scopoli)†	–	–	–	BC	AB	SK	MB	ON	–	–	–	–	–	–
angustatus Casey														
rupimontis Casey														
C. confertus Casey*	AK	–	NT	BC	AB	–	–	–	PQ	–	–	–	–	–
archangelicus J.R. Sahlberg														
C. corticinus C.G. Thomson*	AK	–	–	BC	–	–	–	ON	PQ	–	–	–	–	–
depressulus Casey														
C. dentatus (Herbst)*	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
fumatus (Marsham)														
quadridentatus Mannerheim														
C. difficilis Casey	–	–	–	BC	AB	–	–	–	PQ	–	–	–	–	–
contractus Casey														
C. distinguendus Sturm†	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
keeni Casey														
C. hebes Casey	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
lyraticollis Casey														
otiosus Casey														
C. histricus Casey	–	–	–	BC	–	–	–	–	–	–	–	–	LB	–
C. lapponicus Gyllenhal*	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
validus Kraatz														
C. laticollis Lucas†	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
affinis Sturm														
cribricollis Casey														
inscitus Casey														
C. maximus Blake	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. obsoletus Reitter†	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
C. peregrinus Woodroffe & Coombs	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. pilosus Gyllenhal‡	–	–	–	BC	–	–	MB	ON	–	–	–	–	–	–
cicatricosus Casey														
infuscatus Casey														
parvinodus Casey														
plectrum Casey														
C. porrectus Casey	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. quadrihamatus Mäklin*	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
plagiatus Poppius														
C. saginatus Sturm†	AK	–	–	BC	–	–	–	ON	–	–	–	–	–	–
C. scanicus (Linné)†	–	–	–	–	–	–	–	–	–	–	–	–	–	NF
C. scutellatus Newman†	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
C. setulosus Sturm*	–	–	–	BC	–	–	–	ON	PQ	–	–	–	LB	–
antennatus Casey														
grossulus Casey														
C. stromus Woodroffe & Coombs	–	–	–	–	–	SK	MB	–	–	–	–	–	–	–
C. subfumatus Kraatz†	–	–	–	BC	AB	SK	–	ON	PQ	–	–	–	–	–
C. tuberculosus Mäklin*	AK	–	–	BC	AB	–	–	–	–	–	–	–	–	–
boulderanus Casey														
brevipilis Casey														
debilis LeConte														
instabilis Bruce														
lepidus Casey														
C. varus Woodroffe & Coombs	–	–	–	BC	AB	SK	–	–	–	–	–	–	–	–

Genus MYRMEDOPHILA Bousquet

M. americana (LeConte)	AK	YK	–	BC	AB	–	MB	–	PQ	–	–	–	–	–
blumi (Blaisdell)														

Tribe Caenoscelini

Genus CAENOSCELIS C.G. Thomson
Macrodea Casey

C. antennalis (Casey)	–	–	–	–	AB	–	MB	–	–	–	–	–	–	–
C. basalis Casey	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
C. ferruginea (C.R. Sahlberg)*	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. parallela Casey	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–

Subfamily ATOMARIINAE
Tribe Atomariini

Genus EPHISTEMUS Stephens

(Subgenus EPHISTEMUS s. str.)

E. globulus (Paykull)‡	–	–	–	BC	–	–	–	ON	–	–	–	–	–	–
apicalis LeConte														

Genus ATOMARIA Stephens

(Subgenus ANCHICERA C.G. Thomson)

A. aleutica Casey	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
A. apicalis Erichson‡	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
A. curtula Casey	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
pumilio Casey														
A. ephippiata Zimmermann	–	–	NT	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
hesperica Casey														
A. fulvipennis Mannerheim	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
A. kamtschatica Motschulsky*	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
fallax Casey														
A. laetula LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. nubipennis Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. ochracea Zimmermann	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
lacustris Casey														
A. ovalis Casey	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
A. pusilla (Paykull)‡	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. saginata Casey	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

(Subgenus ATOMARIA s. str.)
(*Agathengis* des Gozis)

A. capitata (Casey)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. fuscicollis Mannerheim*	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
A. lepidula Mäklin	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
A. longipennis (Casey)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
nigricollis (Casey)														
A. melanica Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. planulata Mäklin	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. quadricollis (Casey)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. stricticollis (Casey)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. subdentata (Casey)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. vespertina Mäklin	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–

Subfamily HYPOCOPRINAE

Genus HYPOCOPRUS Motschulsky

H. tenuis Casey	–	–	–	–	AB	–	–	–	–	–	–	–	–	–

Family LANGURIIDAE lizard beetles

J.M. Campbell

The family Languriidae, as recently defined, is widely distributed in all faunal regions but is best represented in tropical areas. Only seven species are known to occur in Canada, all but one of which are found east of the Rocky Mountains. Larvae of the subfamily Languriinae (Languriidae of previous authors) are stem borers of which one, the clover stem borer, *Languria mozardi*, is an economic pest in Canada. The feeding habits and biology of the larvae and adults of the other subfamilies are poorly known, but they probably feed on decaying vegetation and fungal hyphae rather than on living plants (Lawrence and Vaurie 1983).

Until recent papers by Sen Gupta and Crowson, this family was restricted to those genera now placed in Languriinae. Sen Gupta (1967) transferred *Toramus* and allied genera from the family Cryptophagidae to the subfamily Toraminae.

Subsequently (1968), he transferred *Loberus* to the tribe Loberini, both in the family Languriidae. The family was redefined, and the higher classification and genera of the world were revised by Sen Gupta and Crowson (1971). The North American species of the family are reasonably well known, with most subfamilies having been revised since 1948 and the species cataloged by Lawrence and Vaurie (1983).

BC (1); SK (1); MB (2); ON (6); PQ (5) • I (1)

Subfamily XENOSCELINAE
Tribe Loberini

Genus LOBERUS LeConte														
L. impressus LeConte	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Subfamily TORAMINAE
Key to species: Sen Gupta (1967)
Tribe Toramini

Genus TORAMUS Grouvelle														
Tomarus LeConte														
T. pulchellus (LeConte)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Subfamily CRYPTOPHILINAE
Tribe Cryptophilini

Genus CRYPTOPHILUS Reitter														
C. integer (Heer)†	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Subfamily LANGURIINAE
Tribe Languriini
Key to North American species: Vaurie (1948)

Genus LANGURIA Latreille														
L. angustata (Palisot de Beauvois)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
pulchra LeConte														
uhlerii Horn														
L. convexicollis Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
interstitialis Casey														
L. mozardi mozardi Latreille	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
apicalis Motschulsky														
Genus ACROPTEROXYS Gorham														
A. gracilis (Newman)	–	–	–	–	–	SK	MB	ON	PQ	–	–	–	–	–
aztecana Casey														
divisa (Horn)														
inornata (Randall)														
latreillei (LeConte)														
nigriceps (Motschulsky)														
obscura (Motschulsky)														
pertenuis Casey														
texana Schaeffer														
thoracina Casey														

Family EROTYLIDAE pleasing fungus beetles

J.M. Campbell

The family Erotylidae is found in all faunal regions of the world but primarily in moist, tropical areas. Only 20 species are known to occur in Canada. Adults are frequently found under bark or under logs. Both larvae and adults feed on the fruiting bodies of higher fungi.

The family is well known taxonomically; Boyle (1956) revised the North American species, and Sen Gupta (1969) worked out the higher classification.

BC (5); AB (6); SK (4); MB (5); ON (14); PQ (14); NB (2); NS (1)

Subfamily DACNINAE

Genus DACNE Latreille

(Subgenus DACNE s. str.)
(*Engis* Paykull)

D. californica (Horn)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
cephalotes Casey														
elongata Casey														
laticollis Casey														
uteana Casey														
D. quadrimaculata (Say)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–

(Subgenus XENODACNE Boyle)

D. picea LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus MEGALODACNE Crotch

M. fasciata (Fabricius)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
bifasciatus (Olivier)														
M. heros (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Subfamily TRIPLACINAE

Genus TRIPLAX Herbst

T. antica LeConte	–	–	–	BC	AB	SK	–	–	–	–	–	–	–	–
mormonalis Casey														
T. californica LeConte	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
T. cuneata Boyle	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
T. dissimulator (Crotch)	–	–	–	–	AB	SK	MB	ON	PQ	–	–	–	–	–
carri Casey														
T. flavicollis Lacordaire	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
confinis LeConte														
T. frosti Casey	–	–	–	–	AB	SK	MB	ON	PQ	NB	–	–	–	–
T. macra LeConte	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
T. thoracica Say	–	–	–	–	AB	SK	MB	ON	PQ	NB	–	–	–	–
antennata Casey														
brevicollis Casey														
convergens Casey														
latiuscula Casey														
melanoptera Lacordaire														
obliqua Casey														

Genus TRITOMA Fabricius
Cyrtotriplax Crotch

T. biguttata (Say)	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
basalis Lacordaire														
T. humeralis Fabricius	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
ornata Casey														
ruficeps LeConte														
taeniata LeConte														
vittata LeConte														
T. mimetica (Crotch)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
T. pulchra Say	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
basalis Melsheimer														

cincta Lacordaire														
dimidiata Lacordaire														
sellata Kuhnt														
T. sanguinipennis (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
T. unicolor Say	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
unicolor Lacordaire														

Genus ISCHYRUS Lacordaire
Key to North American species: Skellay and Goodrich (1989)

I. quadripunctatus quadripunctatus (Olivier)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
alabamae Schaeffer														
antedivisa Mader														

Family PHALACRIDAE shining flower beetles

J.M. Campbell

The family Phalacridae comprises about 600 species around the world; only five have been reported to occur in Canada, but many other species certainly occur. Adults are usually found on flowers; larvae feed in flower heads of Compositae or on spores and stomata of rusts and smuts.

Casey (1916) revised the North American species of phalacrids, but this work is very difficult to use. Phalacridae and Ptiliidae are probably the most poorly known families of beetles in Canada, and based on existing literature, a reliable specific identification for most genera is not possible.

BC (3); MB (1); ON (3); PQ (2)

Tribe Phalacrini

Genus PHALACRUS Paykull

P. penicillatus (Say)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Tribe Olibrini

Genus OLIBRUS Erichson

O. rufipes LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
tritus Casey														
O. semistriatus LeConte	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
striatulus LeConte														

Genus STILBUS Seidlitz
Eustilbus Sharp

S. apicalis (Melsheimer)	–	–	–	BC	–	–	–	ON	–	–	–	–	–	–

Genus LITOCHROPUS Erichson

L. scalptus Casey	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–

Genus ACYLAMUS Sharp

A. pugetanus Casey	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–

Family CERYLONIDAE cerylonid beetles

J.M. Campbell

Only about 400 species of Cerylonidae, a family that consists of small to very small beetles, are known around the world, of which seven have been recorded in Canada and Alaska. Most adults are collected in leaf litter, in rotten wood, and under bark. *Hypodacne punctata* is known in the galleries of *Camponotus* ants, and *Murmidius ovalis* occurs on stored products (Lawrence and Stephan 1975). Little is known about the feeding habits of the larvae and adults, although some larvae are known to feed on fungal hyphae or spores, and some larvae feed on a plasmodium of slime molds (Slipinski 1988).

Adults of this family are reasonably well known taxonomically. Sen Gupta and Crowson (1973) redefined the family and revised the higher classification. Lawrence and Stephan (1975) revised the North American species, and Lawrence (1982*b*) cataloged them.

AK (1); NT (1); BC (3); AB (2); MB (1); ON (6); PQ (3); NB (1); NS (2) • I (1)

Subfamily EUXESTINAE

Genus HYPODACNE LeConte														
H. punctata LeConte	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Subfamily MURMIDIINAE

Genus MURMIDIUS Leach														
M. ovalis (Beck)†	AK	–	–	–	–	–	–	ON	–	–	–	–	–	–
Genus MYCOCERINUS Slipinski *Mychocerus* auct.														
M. depressus (LeConte)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Subfamily CERYLONINAE

Genus PHILOTHERMUS Aubé														
P. glabriculus LeConte	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
Genus MYCHOCERUS Erichson *Lapethus* Casey														
M. discretus (Casey)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Genus CERYLON Latreille														
C. castaneum Say *clypeale* Casey *stricticum* Casey	–	–	–	BC	AB	–	MB	ON	PQ	NB	NS	–	–	–
C. unicolor (Ziegler) *angustulum* LeConte *simplex* LeConte *sylvaticum* Casey	–	–	NT	BC	AB	–	–	ON	PQ	–	NS	–	–	–

Family CORYLOPHIDAE minute fungus beetles

J.M. Campbell

Members of Corylophidae, a small family of about 435 species, are found in all major faunal regions, but only 11 species are known to occur in Canada. Adults are usually collected in moldy leaf litter and piles of grass cuttings. Adults and larvae are thought to feed on fungal spores.

The taxonomy of the Canadian corylophid species is poorly known; reliable species identification is not possible at this time, and a number of species have yet to be discovered. Casey (1900) prepared the last revision covering the North American species of Corylophidae. The classification adopted here is based on Paulian's (1950) reclassification of the Old World taxa.

YK (1); NT (2); BC (7); AB (4); SK (2); MB (1); ON (4); PQ (3); NB (1) • I (2)

Subfamily CORYLOPHINAE
Tribe Orthoperini

Genus ORTHOPERUS Stephens														
O. atomus (Gyllenhal)†	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
O. scutellaris LeConte	–	–	NT	BC	AB	SK	–	–	–	–	–	–	–	–
lucidus Casey														
O. suturalis LeConte	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Tribe Rypobiini

Genus GRONEVUS Casey														
G. fuscicornis Casey	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Subfamily SERICODERINAE
Tribe Sericoderini

Genus SERICODERUS Stephens														
S. lateralis (Gyllenhal)†	–	–	–	BC	–	–	–	–	PQ	–	–	–	–	–

Subfamily SACIINAE
Tribe Saciini

Genus MOLAMBA Casey														
M. biguttata (LeConte)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
M. fasciata (Say)	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
subfasciata (Guérin-Méneville)														
M. obesa Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Genus SACIUM LeConte														
Parmulus Harold														
S. lugubre LeConte	–	YK	NT	BC	AB	SK	MB	ON	–	–	–	–	–	–
S. montanum Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Genus ARTHROLIPS Wollaston														
A. decolor (LeConte)														
californicus (Matthews)	–	–	–	–	AB	–	–	–	–	–	–	–	–	–

Family COCCINELLIDAE ladybird beetles

J. McNamara

Coccinellidae comprises 162 species and subspecies in Canada and Alaska. Many species are introduced in North America, some of these purposely for biological control. Most coccinellid adults and larvae are beneficial, because they are predators of aphids, scale insects, and mites. However, in the absence of preferred food, many species feed on the immature stages of other insects. The species of *Psyllobora* feed on fungi, and the only species of *Epilachna* that occurs in Canada feeds on plants of the family Leguminaceae.

The taxonomy of the North American Coccinellidae is well known, thanks to the recent monograph by Gordon (1985). Only some of the most recent references on coccinellids have been listed in the checklist. Good regional works on Coccinellidae include those of Chapin (1974) for Louisiana, Belicek (1976) for western Canada and Alaska, and Larochelle (1979) for Quebec.

AK (26); YK (31); NT (35); BC (94); AB (83); SK (70); MB (56); ON (83); PQ (77); NB (37); NS (25); PE (6); LB (9); NF (13) • H (2); I (8)

Subfamily STICHOLOTIDINAE

Tribe Microweisini

Genus MICROWEISEA Cockerell
Epismilia Cockerell
Pseudoweisea Schwarz
Smilia Weise
Key to species: Gordon (1970*a*)

M. misella (LeConte)	–	–	–	BC	AB	SK	MB	ON	PQ	NB	–	–	–	NF

Genus COCCIDOPHILUS Brethes
Cryptoweisea Gordon
Key to North American species: Gordon (1970*a*)

C. marginatus (LeConte)	–	–	–	BC	AB	SK	MB	ON	PQ	NB	–	–	–	–

Tribe Serangiini

Genus DELPHASTUS Casey
Key to species: Gordon (1970*b*)

D. pusillus (LeConte)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
puncticollis (LeConte)														
sonoricus Casey														

Subfamily SCYMNINAE

Tribe Stethorini

Genus STETHORUS Weise
Key to New World species: Gordon and Chapin (1983)

S. punctillum Weise†	–	–	–	BC	–	–	–	ON	–	–	–	–	–	–
S. punctum punctum (LeConte)	–	–	–	–	AB	SK	–	ON	PQ	–	NS	–	–	–
S. punctum picipes Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
brevis Casey														

Tribe Scymnini

Key to North American species: Gordon (1976)

Genus DIDION Casey

D. longulum Casey	–	YK	NT	BC	AB	SK	–	–	PQ	–	–	–	–	–
occiduum (Casey)														
parviceps Casey														
D. nanum (LeConte)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
D. punctatum (Melsheimer)	–	–	NT	BC	AB	SK	MB	ON	PQ	NB	–	PE	–	NF

Genus SCYMNUS Kugelann

(Subgenus SCYMNUS s. str.)

S. americanus Mulsant	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
S. apicanus pseudapicanus Gordon	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
borealis Gordon														
S. caurinus Horn	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
aluticollis Casey														
S. fenderi Malkin	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
S. indianensis Weise	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
rusticus Casey														
S. nebulosus LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
harneyi Hatch														
infuscatus Boheman														
phelpsii Crotch														
S. opaculus Horn	–	–	–	BC	AB	SK	–	–	–	–	–	–	–	–
S. paracanus linearis Gordon	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–

(Subgenus PULLUS Mulsant)

S. abbreviatus LeConte	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
S. aquilonarius Gordon	–	–	–	–	AB	SK	–	–	–	–	–	–	–	–
S. ardelio Horn	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
apacheanus Casey														
decipeins Casey														
sanctus Casey														
S. aridus Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
S. brullei Mulsant	–	–	–	–	–	SK	MB	ON	PQ	–	NS	–	–	–
divisus Casey														
laurenticus Casey														
lodi Stehr														
subaeneus Casey														
S. calaveras Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
saginatus Casey														
strenuus Casey														
stygicus Casey														
tenuivestis Casey														
S. carri Gordon	–	–	–	–	AB	SK	–	–	–	–	–	–	–	–
S. caudalis LeConte	–	–	–	–	–	SK	MB	ON	PQ	–	–	–	–	–
agricola Casey														
indutus Casey														
natchezianus Casey														
S. cervicalis Mulsant	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
S. compar Casey	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
impunctus Wingo														
vicksburgicus Casey														
S. coniferarum Crotch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
S. fraternus LeConte	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
dentipes Fall														
haemorrhous LeConte														
S. humboldti Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
S. impexus Mulsant†	–	–	–	BC	–	–	–	–	–	NB	NS	–	–	–
S. impletus Gordon	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
S. iowensis Casey	–	–	–	BC	–	SK	MB	ON	PQ	NB	–	–	–	–
collaris Melsheimer														
melsheimeri Weise														
S. kansanus Casey	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
S. lacustris LeConte	–	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	–
cultratus Wingo														
S. marginicollis Mannerheim	–	–	–	BC	AB	–	–	ON	PQ	–	–	–	–	–
borealis Hatch														
californicus Boheman														
desertorum Casey														
S. postpictus Casey	–	–	–	BC	AB	SK	–	–	–	–	–	–	–	–
S. puncticollis LeConte	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
S. rubricaudus Casey	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
canterius Casey														
chromopygus Casey														
texanus Casey														
S. securus J. Chapin	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
S. solidus Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
blaisdelli Casey														

S. suturalis Thunberg†	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
S. tahoensis Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
S. tenebrosus Mulsant	–	–	NT	–	AB	–	–	ON	PQ	–	–	–	–	–
S. uncus Wingo	–	–	–	–	AB	SK	MB	ON	–	–	–	–	–	–
S. utahensis Gordon	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
Genus NEPHUS Mulsant														
(Subgenus NEPHUS s. str.)														
N. ornatus naviculatus (Casey)	AK	–	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	NF
kincaidi (Hatch)														
N. ornatus ornatus (LeConte)	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
frosti (Casey)														
sanguinifer (Casey)														
(Subgenus TURBOSCYMNUS Gordon)														
N. georgei (Weise)	AK	YK	NT	BC	AB	–	–	ON	PQ	–	–	–	–	NF
bisignatus (Horn)														
(Subgenus SCYMNOBIUS Casey)														
N. flavifrons (Melsheimer)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
bioculatus (Mulsant)														
guttiger (Mulsant)														
ludovicianus (Casey)														
marginellus (Mulsant)														
N. intrusus (Horn)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
inops (Casey)														
N. sordidus (Horn)	–	–	–	–	AB	SK	MB	ON	–	–	–	–	–	–
intrusoides (Hatch)														
Genus DIOMUS Mulsant														
D. amabilis (LeConte)	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
dulcis (Casey)														
emertoni (Casey)														
D. debilis (LeConte)	–	–	–	–	AB	SK	–	ON	PQ	–	–	–	–	–
aeger (Casey)														
minutissimus (Casey)														
molliculus (Casey)														
pusio (Casey)														
D. liebecki (Horn)	–	–	–	–	–	–	MB	ON	–	–	–	–	–	–
adulans (Casey)														
ohioensis (Stehr)														
D. terminatus (Say)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
femoralis (LeConte)														
partitus (Casey)														

Tribe Hyperaspini

Genus HYPERASPIDIUS Crotch														
H. comparatus Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
juniperus Nunenmacher														
H. hercules Belicek	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
H. insignis Casey	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
H. mimus Casey	–	–	–	–	AB	SK	–	–	–	–	–	–	–	–
carri Nunenmacher														
coloradensis Nunenmacher														
H. vittigerus (LeConte)	–	YK	–	BC	AB	SK	–	–	–	–	–	–	–	–
Genus HYPERASPIS Redtenbacher														
Oxynychus LeConte														
H. bigeminata (Randall)	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
guexi Mulsant														
H. binotata (Say)	–	–	–	–	–	SK	MB	ON	PQ	NB	–	–	–	–
affinis (Randall)														
leucopsis Melsheimer														
normata (Say)														
paspalis Watson														
H. borealis Dobzhansky	–	YK	–	BC	AB	–	–	–	–	–	–	–	–	–
elali Nutting														
obscura Malkin														

schuhi Hatch														
simuloides Hatch														
H. consimilis LeConte	–	–	NT	BC	AB	SK	MB	–	PQ	NB	–	–	–	–
canadensis Dobzhansky														
H. conviva Casey	–	–	–	–	–	SK	MB	ON	PQ	–	–	–	–	–
congressis Watson														
insolens Casey														
H. disconotata Mulsant	–	–	–	–	AB	–	MB	ON	PQ	NB	–	–	–	–
H. dissoluta dissoluta Crotch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
coloradana Casey														
nupta Casey														
H. fastidiosa Casey	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
septentrionis Dobzhansky														
H. inflexa Casey	–	–	–	BC	AB	SK	MB	–	PQ	–	–	–	–	–
serena Casey														
H. jasperensis Belicek	–	–	NT	–	AB	–	–	–	–	–	–	–	–	–
H. lateralis Mulsant	–	–	–	BC	AB	SK	–	–	–	–	–	–	–	–
flammula Nunenmacher														
idae Nunenmacher														
laevipennis Casey														
montanica Casey														
nigrocauda Dobzhansky														
omissa Casey														
wellmani Nunenmacher														
H. moerens (LeConte)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
H. octavia Casey	–	–	–	–	–	SK	–	ON	PQ	NB	–	–	–	–
H. oregona Dobzhansky	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
lanei Hatch														
H. postica LeConte	–	–	–	BC	AB	SK	–	–	–	–	–	–	–	–
angustula Casey														
elliptica Casey														
essigi Malkin														
H. pratensis LeConte	–	–	–	–	–	–	–	–	PQ	–	–	–		–
H. proba (Say)	–	–	–	–	–	SK	MB	ON	PQ	–	–	–	–	–
trinifer Casey														
H. quadrivittata LeConte	–	–	–	BC	AB	SK	–	–	–	–	–	–	–	–
tetraneura Casey														
H. signata signata (Olivier)	–	–	–	–	–	SK	–	–	–	–	–	–	–	–
taedata LeConte														
H. simulatrix Dobzhansky	–	–	–	BC	AB	SK	–	–	–	–	–	–	–	–
H. troglodytes Mulsant	–	–	–	–	–	–	MB	–	PQ	–	NS	–	–	–
discreta LeConte														
novascotiae E.A. Chapin														
H. undulata (Say)	–	–	–	BC	AB	SK	MB	ON	PQ	NB	–	–	–	–
elegans Mulsant														
guttifera Weise														
maculifera Melsheimer														

Genus BRACHIACANTHA Dejean

B. albifrons (Say)	–	–	NT	–	AB	SK	MB	–	–	–	–	–	–	–
pacifica Casey														
B. decempustulata (Melsheimer)	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
stellata Casey														
troglodytes Mulsant														
B. dentipes (Fabricius)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
separata Leng														
socialis Casey														
B. quadripunctata quadripunctata Melsheimer	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
basalis Melsheimer														
confusa Mulsant														
diversa Mulsant														
B. rotunda Gordon	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
B. ursina (Fabricius)	–	–	–	–	AB	SK	MB	ON	PQ	NB	NS	–	–	–
congruens Casey														
B. uteella Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
fenyesi Leng														
lengi Nunenmacher														
sonorana Casey														

Subfamily CHILOCORINAE
Tribe Chilocorini
Key to genera: Chapin (1965)

Genus BRUMOIDES E.A. Chapin														
B. histrio (Fall)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
parvicollis (Casey)														
B. septentrionis septentrionis (Weise)	AK	YK	NT	BC	AB	SK	MB	ON	–	–	–	–	–	–
desertorum (Casey)														
nevadensis (Leng)														
ovoideus (Casey)														
B. septentrionis davisi (Leng)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
Genus EXOCHOMUS Redtenbacher														
E. aethiops (Bland)	–	–	–	–	AB	SK	–	–	–	–	–	–	–	–
mormonicus Casey														
E. californicus Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Genus CHILOCORUS Leach														
C. hexacyclus Smith	–	–	–	–	AB	SK	–	–	–	–	–	–	–	–
C. stigma (Say)	–	–	–	–	AB	SK	MB	ON	PQ	NB	NS	–	–	–
bivulnerus Mulsant														
C. tricyclus Smith	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Subfamily COCCIDULINAE
Tribe Coccidulini

Genus COCCIDULA Kugelann														
C. lepida LeConte	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	–	–	–	–
occidentalis Horn														
reitteri Dodge														
suturalis Reitter														
suturalis Weise														
Genus RHYZOBIUS Stephens														
Lindorus Casey														
R. lophanthae (Blaisdell)†	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Subfamily COCCINELLINAE
Tribe Coccinellini

Genus ANISOSTICTA Dejean														
A. bitriangularis (Say)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	LB	NF
irregularis Weise														
multiguttata (Randall)														
A. borealis Timberlake	AK	YK	NT	–	–	–	MB	–	PQ	–	–	–	–	–
Genus MACRONAEMIA Casey														
M. episcopalis (Kirby)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
Genus PARANAEMIA Casey														
P. vittigera (Mannerheim)	–	–	–	?	?	–	–	–	–	–	–	–	–	–
similis Casey														
Genus COLEOMEGILLA Timberlake														
Megilla Mulsant														
C. maculata lengi Timberlake	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
Genus CERATOMEGILLA Crotch														
C. ulkei Crotch	AK	YK	NT	BC	AB	–	–	ON	–	–	–	–	–	–
parva (Watson)														

Genus HIPPODAMIA Dejean

H. americana Crotch	–	–	NT	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
H. apicalis Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
lengi Johnson														
nigromaculata (Nunenmacher)														
tricolor Nunenmacher														
H. arctica (Schneider)*	AK	YK	NT	BC	–	–	–	–	PQ	–	–	–	LB	–
H. caseyi Johnson	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
H. convergens Guérin-Méneville	–	–	–	BC	AB	SK	MB	ON	PQ	NB	–	–	–	–
juncta Casey														
modesta Melsheimer														
obsoleta Crotch														
praticola Mulsant														
H. expurgata Casey	–	YK	–	BC	AB	SK	–	–	–	–	–	–	–	–
H. falcigera Crotch	AK	YK	NT	BC	AB	SK	MB	–	PQ	–	–	–	–	–
albertana Casey														
cottlei (Nunenmacher)														
H. glacialis glacialis (Fabricius)	–	–	NT	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
H. glacialis lecontei Mulsant	–	–	NT	–	AB	SK	MB	–	–	–	–	–	–	–
abducens Casey														
defecta Johnson														
hoppingi Nunenmacher														
mackenzie E.A. Chapin														
pseudoglacialis Johnson														
H. lunatomaculata dobzhanskyi E.A. Chapin	–	YK	–	BC	–	–	–	–	–	–	–	–	–	–
H. moesta moesta LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
H. moesta bowditchi Johnson	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–
H. oregonensis Crotch	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
cockerelli Johnson														
dispar Casey														
liliputana Casey														
puncticollis Casey														
H. parenthesis (Say)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	–
albomacula Fitch														
approximata Fitch														
confluenta Fitch														
connata Fitch														
discopunctata Fitch														
insulata Fitch														
linearis Fitch														
lituricollis Fitch														
nimia Fitch														
permacrifrons Fitch														
triangularis Fitch														
tridens (Kirby)														
tridentifrons Fitch														
H. quindecimmaculata Mulsant	–	–	–	–	–	SK	–	ON	–	–	–	–	–	–
H. quinquesignata quinquesignata (Kirby)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	–	PE	–	–
coccinea Casey														
leporina Mulsant														
mulsanti LeConte														
pugetana Casey														
quadraria Casey														
subsimilis Casey														
uteana Casey														
vernix Casey														
H. quinquesignata ambigua LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
obliqua Casey														
punctulata LeConte														
H. sinuata crotchi Casey	–	–	NT	BC	AB	SK	MB	–	–	–	–	–	–	–
disjuncta Timberlake														
fontinalis Casey														
straminea E.A. Chapin														
H. sinuata spuria LeConte	AK	YK	–	BC	–	–	–	–	–	–	–	–	–	–
complex Casey														
H. tredecimpunctata tibialis (Say)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF

H. variegata (Goeze)†	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
H. washingtoni Timberlake	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Genus ANATIS Mulsant														
Key to species: Watson (1976)														
A. labiculata (Say)	–	–	–	–	–	–	MB	ON	PQ	NB	–	–	–	–
canadensis Provancher														
caseyi Westcott														
quindecimpunctata (Olivier)														
A. lecontei Casey	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
A. mali (Say)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	NF
borealis Belicek														
signaticollis Mulsant														
A. rathvoni (LeConte)	–	–	–	BC	AB	SK	–	–	–	–	–	–	–	–
Genus MYZIA Mulsant														
Neomysia Casey														
Paramysia Reitter														
M. interrupta (Casey)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
caseyi (Timberlake)														
M. pullata (Say)	–	YK	–	–	AB	SK	MB	ON	PQ	NB	NS	–	LB	–
montana (Casey)														
notans (Randall)														
randalli (Casey)														
M. subvittata (Mulsant)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
hornii Crotch														
oregona (Casey)														
Genus CALVIA Mulsant														
Anisocalvia Crotch														
C. quatuordecimguttata (Linné)*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	LB	NF
bicordifera (Casey)														
cardisce (Randall)														
complexa Nunenmacher														
elliptica (Casey)														
hesperica (Crotch)														
incarnata (Kirby)														
lacustris (Casey)														
obliqua (Randall)														
postplagiata (Casey)														
quadrisignata (Casey)														
sicardi (Nunenmacher)														
similis (Randall)														
uniformis (Casey)														
vancouveri (Casey)														
victoriana (Casey)														
Genus ADALIA Mulsant														
A. bipunctata (Linné)‡	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	LB	NF
annectans (Crotch)														
bioculata (Say)														
coloradensis Casey														
disjuncta (Randall)														
duplicata Leng														
frigida (Schneider)														
humeralis (Say)														
ludovicae Mulsant														
melanopleura (LeConte)														
ocellata Johnson														
opthalmica Mulsant														
ornatella Casey														
ovipennis Casey														
postica Johnson														
sexpustulata Johnson														
transversalis Casey														
Genus COCCINELLA Linné														
Key to North American species: Brown (1962*b*)														

C. alta W.J. Brown	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
suturalis Casey														
C. californica Mannerheim	AK	–	–	BC	AB	–	–	–	–	–	–	–	–	–
melanocollis Johnson														
C. fulgida Watson	AK	YK	NT	BC	–	–	–	ON	PQ	–	–	–	–	–
C. hieroglyphica humboldtiensis Nunenmacher	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. hieroglyphica kirbyi Crotch	–	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	–
tricuspis Kirby														
C. hieroglyphica mannerheimi Mulsant	AK	YK	NT	–	–	–	MB	–	–	–	–	–	–	–
C. johnsoni Casey	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. monticola Mulsant	AK	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	–
alutacea Casey														
biguttata Johnson														
confluenta Johnson														
impressa Casey														
lacustris LeConte														
nevadica Casey														
postica Johnson														
sellica Johnson														
C. novemnotata Herbst	–	–	NT	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
confluenta Fitch														
conjuncta Fitch														
degener Casey														
divisicollis Fitch														
franciscana Mulsant														
inaequalis Fitch														
oregona Casey														
parvomaculata Fitch														
C. prolongata prolongata Crotch	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
C. septempunctata Linné†	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	–
C. transversoguttata richardsoni W.J. Brown	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	LB	NF
interrupta Fitch														
quinquenotata Kirby														
zetterstedti Mader														
C. trifasciata perplexa Mulsant	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	LB	NF
C. trifasciata subversa LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
barda LeConte														
euginii Mulsant														
juliana Mulsant														
praedicta Mader														
C. undecimpunctata undecimpunctata Linné†	–	–	–	BC	–	–	–	ON	PQ	NB	NS	PE	–	NF

Genus PROPYLAEA Mulsant

P. quatuordecimpunctata (Linné)†	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–

Genus CYCLONEDA Crotch

C. munda (Say)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
C. polita Casey	–	–	–	BC	AB	SK	–	–	–	–	–	–	–	–
flava Timberlake														

Genus OLLA Casey

O. v-nigrum (Mulsant)	–	–	–	BC	AB	SK	MB	ON	–	–	–	–	–	–
abdominalis (Say)														
arizonae Casey														
fenestralis Casey														
minuta Casey														
plagiata Casey														
sayi (Crotch)														
semilunaris Johnson														
sobrina Casey														

Genus NEOHARMONIA Crotch

Agrabia Casey
Harmoniaspis Casey
Neoharmonia Casey

N. venusta venusta (Melsheimer)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
centralis Casey														
dissimila Blatchley														
fattigi Blatchley														
notulata (Mulsant)														

Genus MULSANTINA Weise
Pseudocleis Casey
Key to species: Chapin (1985)

M. hudsonica (Casey)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	–
M. picta (Randall)	–	YK	–	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	–
blanchardi (Johnson)														
concinnata (Melsheimer)														
contexta (Mulsant)														
impictipennis (Weise)														
minor (Casey)														
nubilata (Casey)														

Tribe Psylloborini

Genus PSYLLOBORA Dejean

P. borealis Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
deficiens Casey														
P. vigintimaculata (Say)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
obsoleta Casey														
separata Casey														
taedata LeConte														

Subfamily EPILACHNINAE

Key to New World species: Gordon (1975)

Tribe Epilachnini

Genus EPILACHNA Dejean

E. varivestis Mulsant	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
cervina Mulsant														
corrupta Mulsant														
cuprea Cockerell														
genuina Mulsant														
juncta Johnson														
maculiventris Bland														
toweri Johnson														

Family ENDOMYCHIDAE handsome fungus beetles

J.M. Campbell

The family Endomychidae is found in most regions of the world, but the majority of species occur in tropical areas. The range of 15 species extends northward into Canada. Adults and larvae may be collected on soft fungi, in leaf litter, or under bark with fungal growth. One species, *Mycetaea subterranea* (*M. hirta* in most publications), is a pest of stored products. Most species feed on fungi.

Because of their moderately large size and often bright coloration, many North American species are taxonomically well known. However, the family has never been revised for North America. Strohecker (1953) reviewed the genera of the world and published a catalog of the North American species (1986). Hatch (1962) treated the genera and species that occur in the Pacific Northwest. A modern revision of the North American species of this family is needed.

NT (1); BC (7); AB (2); SK (2); MB (5); ON (10); PQ (8); NB (2); NS (6); PE (1); NF (2) • I (2)

Subfamily MYCETAEINAE
Tribe Mycetaeini

Genus SYMBIOTES Redtenbacher														
S. duryi Blatchley	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
lacustris Casey														
oblongus Casey														
pilosus Casey														
waltoni Dury														
S. gibberosus (Lucas)†	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
duryi Walton														
montanus Casey														
Genus MYCETAEA Stephens														
M. subterranea (Fabricius)†	–	–	–	BC	–	–	–	ON	PQ	–	NS	PE	–	NF
fumata Stephens														
hirta (Marsham)														

Tribe Leiestini
Key to North American species: Blaisdell (1931)

Genus RHANIDEA Strohecker														
Rhanis LeConte														
R. unicolor (Ziegler)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
apicalis (Melsheimer)														
haemorrhoidalis (Guérin-Méneville)														
Genus STETHORHANIS Blaisdell														
S. borealis Blaisdell	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Genus PHYMAPHORA Newman														
P. californica Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. pulchella Newman	–	–	–	–	–	–	MB	ON	PQ	–	NS	–	–	–
crassicornis (Melsheimer)														
puncticollis (Ziegler)														

Subfamily STENOTARSINAE
Tribe Stenotarsini

Genus DANAE Reiche														
D. testacea (Ziegler)	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
ferruginea (Guérin-Méneville)														
lutea (Melsheimer)														
pilosa (Melsheimer)														

Subfamily EUMORPHINAE
Tribe Lycoperdinini

Genus LYCOPERDINA Latreille														
(Subgenus GOLGIA Mulsant)														
L. ferruginea LeConte	–	–	–	BC	AB	SK	MB	ON	PQ	–	NS	–	–	–
angulata (Say)														
glabrata Guérin-Méneville														

Tribe Mycetinini

Genus APHORISTA Gorham														
A. laeta (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. vittata (Fabricius)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
distincta (Say)														
lineata (Olivier)														
ovipennis Casey														

Genus MYCETINA Mulsant

M. idahoensis Fall	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
M. perpulchra (Newman)	–	–	–	–	–	–	MB	ON	PQ	NB	NS	–	–	–
quadriguttata (Melsheimer)														

Subfamily ENDOMYCHINAE
Tribe Endomychini

Genus ENDOMYCHUS Panzer

E. biguttatus Say	–	–	NT	–	–	SK	MB	ON	PQ	NB	NS	–	–	NF
E. limbatus (Horn)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
endomychoides (Fall)														

Family LATHRIDIIDAE minute brown scavenger beetles

Y. Bousquet

In Canada and Alaska 55 species of lathridiids have been recorded. These species are usually found on foliage, in rotten wood, under logs, and under the bark of dead trees, as well as in fungi and nests of social Hymenoptera, birds, and mammals. A number of species, including *Cartodere constricta* and *Aridius nodifer*, are regularly found in stored products, especially those that are damp and moldy. Adults and larvae feed on fungi, particularly molds.

Lathridiidae is another family of Cucujoidea that has been poorly studied in North America. Most of the genera, particularly those of the subfamily Corticariinae, are in need of modern revision. The generic classification of the Lathridiinae used here follows that of Walkley (1952).

AK (19); YK (5); NT (6); BC (34); AB (9); SK (8); MB (17); ON (22); PQ (22); NB (6); NS (8); PE (1); LB (1); NF (4) • H (6); I (15)

Subfamily LATHRIDIINAE

Genus DIENERELLA Reitter
Microgramme Walkley

D. arga (Reitter)†	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
D. cordicollis (Mannerheim)	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
D. costulata (Reitter)†	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
D. filiformis (Gyllenhal)†	–	–	–	–	–	SK	MB	–	–	NB	–	PE	–	–
D. filum (Aubé)†	–	–	–	BC	–	–	MB	ON	PQ	–	–	–	–	–
D. ruficollis (Marsham)†	–	–	–	BC	–	–	–	ON	PQ	–	NS	–	–	NF
pulicaria (Melsheimer)														

Genus ENICMUS C.G. Thomson

E. aterrimus Motschulsky	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
ferrugineus Belon														
opaculus LeConte														
E. cordatus Belon	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
E. fictus Fall	AK	–	NT	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
E. mimus Fall	AK	–	NT	BC	AB	SK	MB	–	–	–	–	–	–	–
E. nitens Fall	–	–	–	–	AB	–	MB	ON	–	–	–	–	–	–
E. tenuicornis LeConte	–	–	–	BC	–	–	–	–	PQ	–	–	–	–	–
laticollis LeConte														

Genus THES Semenov

T. bergrothi (Reitter)†	–	–	–	BC	–	SK	MB	–	–	NB	NS	–	–	–
tricarinatus (W.J. Brown)														

Genus LATHRIDIUS Herbst
Conithassa C.G. Thomson

L. consimilis Mannerheim*	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
parallelocollis Mannerheim														
L. crenatus LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

L. hirtus Gyllenhal†	–	–	–	BC	–	–	MB	ON	PQ	–	–	–	–	–
L. minutus (Linné)†	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–
porcatus Herbst														
reflexus LeConte														
L. nigritus (Fall)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
L. protensicollis Mannerheim	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
quadricollis Mannerheim														
sobrinus Mannerheim														
suspectus (Fall)														

Genus STEPHOSTETHUS LeConte

S. breviclavis (Fall)	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
S. cinnamopterus (Mannerheim)	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
S. costicollis (LeConte)	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
armatulus (Fall)														
S. curtulus (Mannerheim)	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
S. lardarius (DeGeer)†	–	–	–	–	–	–	–	–	–	–	–	–	–	NF
S. liratus (LeConte)	AK	–	–	BC	AB	SK	MB	ON	PQ	–	NS	–	–	–
carinifer (Fall)														
trilobatus (Motschulsky)														
S. montanus (Fall)	AK	YK	NT	BC	–	–	MB	–	PQ	–	–	–	–	–
laevior (W.J. Brown)														

Genus ADISTEMIA Fall

A. watsoni (Wollaston)†	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Genus CARTODERE C.G. Thomson
Coninomus C.G. Thomson

C. constricta (Gyllenhal)†	–	–	–	BC	AB	SK	MB	ON	PQ	NB	–	–	–	NF
sculptilis (LeConte)														

Genus ARIDIUS Motschulsky

A. nodifer (Westwood)†	–	–	–	BC	–	–	MB	ON	PQ	–	NS	–	–	–

Subfamily CORTICARIINAE

Genus CORTICARIA Marsham

C. canaliculata Mannerheim	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
C. columbia Fall	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. dentigera LeConte	–	–	–	BC	–	–	–	ON	PQ	–	–	–	–	–
C. dentiventris Poppius*	AK	YK	–	–	–	–	–	–	–	–	–	–	–	–
C. fenestralis (Linné)*	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
deleta Mannerheim														
denticulata Kirby														
kirbyi LeConte														
obtusa LeConte														
rugulosa LeConte														
C. ferruginea Marsham*	AK	–	NT	–	–	–	MB	–	PQ	–	–	–	LB	NF
C. linearis (Paykull)*	AK	–	NT	–	–	–	MB	–	PQ	–	–	–	–	–
C. orbicollis Mannerheim*	AK	YK	–	BC	–	–	–	–	–	–	–	–	–	–
munsteri Strand														
C. parallela Fall	–	YK	–	–	AB	–	–	–	–	–	–	–	–	–
C. pubescens Gyllenhal†	–	–	–	BC	–	–	–	ON	–	–	–	–	–	–
grossa LeConte														
C. salpingoides Motschulsky	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. serrata (Paykull)†	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
octodentata (Say)														
C. serricollis LeConte	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
C. spinulosa Mannerheim	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
C. valida Fall	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. varicolor Fall	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus MELANOPHTHALMA Motschulsky

M. americana (Mannerheim)	–	–	–	BC	–	–	–	ON	PQ	–	–	–	–	–
distinguenda auct. amer.														
morsa (LeConte)														
pusilla (Melsheimer)														
rufula (LeConte)														

M. pumila (LeConte)	–	–	–	BC	–	–	–	ON	–	–	–	–	–	–
M. villosa (Zimmermann)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Genus CORTICARINA Reitter														
C. alberta (Fall)	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
C. cavicollis (Mannerheim)	–	–	–	BC	–	–	–	ON	PQ	–	NS	–	–	–
C. exigua (Mannerheim)	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
C. fuscula (Gyllenhal)	AK	YK	NT	BC	–	–	MB	ON	PQ	–	–	–	–	–
americana auct. amer.														
compta (LeConte)														
expansa (LeConte)														
grata (LeConte)														
C. herbivagans (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
levis (LeConte)														
similata auct.														
Genus CORTINICARA Johnson														
C. gibbosa (Herbst)†	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	–
Genus CORTILENA Motschulsky														
C. picta (LeConte)	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–

Family BIPHYLLIDAE false skin beetles

J.M. Campbell

Only four species of Biphyllidae are known to occur in North America, one of which, *Diplocoelus brunneus*, is found in eastern Canada. Little is known about the habits of this species; adults are found in fungus or under bark.

This family is poorly known taxonomically, and the North American species have not been revised.

ON (1); PQ (1); NB (1)

Tribe Biphyllini

Genus DIPLOCOELUS Guérin-Méneville														
Marginus LeConte														
D. brunneus (LeConte)	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–

Family BYTURIDAE fruitworm beetles

J.M. Campbell

Two species of Byturidae are found in North America of which one, *Byturus unicolor*, the raspberry fruitworm, is common and widely distributed across Canada. Adults of this species feed on leaves and flowers, and the larvae feed on the receptacle of the red raspberry, *Rubus idaeus*.

Byturus unicolor has been known under a variety of Latin and common names, but a recent revision by Springer and Goodrich (1983) of the North American species of the family recognized only one, somewhat variable species.

AK (1); YK (1); NT (1); BC (1); AB (1); SK (1); MB (1); ON (1); PQ (1); NB (1); NS (1); NF (1)

Tribe Byturini

Genus BYTURUS Latreille														
Horticola Lindemann														
B. unicolor Say	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
americanus Gemminger & Harold														

bakeri Barber
brevicollis Casey
punctatus Casey
rubi Barber
sordidus Barber

Superfamily Tenebrionoidea

Family MYCETOPHAGIDAE hairy fungus beetles

Y. Bousquet

Of the 26 species of mycetophagids recorded from North America, 15 are known to occur in Canada. These beetles are found mainly in decaying vegetable matter, in fungi, and under the bark of rotten logs. A few species, such as *Typhaea stercorea*, are occasionally found in buildings. As the Latin name suggests, members of this family are mycetophagous.

Parsons (1975*b*) has revised the mycetophagids of the Nearctic fauna.

BC (6); AB (4); SK (2); MB (7); ON (10); PQ (12); NB (2); NS (1); PE (1) • I (1)

Genus MYCETOPHAGUS Hellwig														
(Subgenus MYCETOPHAGUS s. str.)														
M. californicus Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
provensis Casey														
M. flexuosus Say	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
M. punctatus Say	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
M. serrulatus (Casey)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
pictus (Casey)														
quadralius Casey														
subdepressus (Casey)														
tribalteatus Casey														
(Subgenus ILENDUS Casey)														
M. distinctus Hatch	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–
M. pluripunctatus LeConte	–	–	–	–	AB	–	MB	ON	PQ	–	–	–	–	–
(Subgenus PARILENDUS Casey)														
M. quadriguttatus P.W.J. Müller‡	–	–	–	BC	AB	SK	MB	ON	PQ	NB	–	–	–	–
bimaculatus Melsheimer														
bipustulatus Melsheimer														
bisignatus Melsheimer														
variegatus C.R. Sahlberg														
(Subgenus GRATUSUS Casey)														
M. pluriguttatus LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
franciscanus Van Dyke														
M. tenuifasciatus Horn	–	–	–	BC	AB	–	–	ON	PQ	–	–	–	–	–
notatulus (Casey)														
Genus LITARGUS Erichson														
(Subgenus ALITARGUS Casey)														
L. balteatus LeConte	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
infulatus LeConte														
transversus LeConte														
(Subgenus PARALITARGUS Casey)														
L. didesmus (Say)	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
asperulus Casey														
(Subgenus LITARGUS s. str.)														
L. sexpunctatus (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
obsolescens Casey														

(Subgenus TILARGUS Casey)

L. tetraspilotus LeConte	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–

Genus TYPHAEA Stephens

T. stercorea (Linné)† *fumata* (Linné)	–	–	–	BC	–	–	–	ON	PQ	NB	NS	PE	–	–

Genus THRIMOLUS Casey

T. minutus Casey *duryi* Casey	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–

Family TETRATOMIDAE tetratomid beetles

L. LeSage

The family Tetratomidae includes nine species in Canada and Alaska. Both adults and larvae live in the fruiting bodies of higher fungi and are mycetophagous.

Previously considered a subfamily of Melandryidae, the tetratomids were raised to family status by Crowson (1955). This ranking is accepted by most recent authors, including Miyatake (1960) and Lawrence (1982*a*). There is no recent revision of the family in North America. Genera and species can be identified tentatively by using general books on beetles, such as Blatchley (1910), Chagnon and Robert (1962), Hatch (1965), and Arnett (1968). Young (1976) recently transferred the genus *Pectotoma*, which had been previously placed in this family, to Scraptiidae. The survey of the Tetratomidae of Quebec by Chantal (1985) includes genera placed here in Melandryidae.

AK (1); YK (1); BC (2); AB (1); SK (1); ON (5); PQ (7); NB (1); NF (1) • I (1)

Subfamily TETRATOMINAE

Genus TETRATOMA Fabricius

T. concolor LeConte	–	YK	–	BC	AB	SK	–	–	–	–	–	–	–	–
T. truncorum LeConte	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Genus ABSTRULIA Casey

A. tesselata (Melsheimer) *maculata* Casey	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
A. variegata Casey	–	–	–	–	–	–	–	–	PQ	–	–	–	–	NF

Genus EUPISENUS Casey

E. elongatus (LeConte)	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus PISENUS Casey

P. humeralis (Kirby) *concolor* (Kirby) *ruficornis* (LeConte)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Subfamily PENTHINAE

Genus PENTHE Newman
Pyrrocis Castelnau

P. obliquata (Fabricius)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
P. pimelia (Fabricius) *anglica* (Gmelin) *funerea* Newman *lesueuri* (Castelnau) *morio* (Fabricius)	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–

Genus MALLODRYA Horn

M. subaenea Horn	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–

Family CIIDAE minute tree-fungus beetles

J. McNamara

The family Ciidae, which consists of small beetles, comprises 29 species in Canada and Alaska. The larvae and adults of nearly all species feed on fungal hyphae comprising the mycelia and especially the fruiting bodies of wood rotting *Basidiomycetes*. Several species are found under bark, in dead wood, or in the galleries of bark beetles.

Lawrence (1971) revised the North American species and also published a catalog of the species (1982*c*).

AK (6); NT (6); BC (19); AB (10); SK (5); MB (14); ON (16); PQ (17); NB (5); NS (6); NF (6) • I (1)

Subfamily CIINAE
Tribe Ciini

Genus CIS Latreille														
Xestocis Casey														
C. americanus Mannerheim	AK	–	–	BC	AB	–	MB	ON	PQ	NB	NS	–	–	NF
forsteri Abdullah														
frosti Dury														
hatchi Lawrence														
insolens (Casey)														
minor (Hatch)														
nitidus (Hatch)														
oweni (Hatch)														
serricollis Dury														
strigulosus (Hatch)														
C. angustus Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. biarmatus Mannerheim	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. castlei (Dury)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
C. creberrimus Mellié	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
C. ephippiatus Mannerheim	AK	–	–	BC	–	–	–	–	PQ	–	–	–	–	–
moznettei (Dury)														
C. fuscipes Mellié	–	–	NT	BC	AB	SK	MB	ON	PQ	–	NS	–	–	NF
atripennis Mellié														
carolinae Casey														
chevrolatii Mellié														
dubius Mellié														
impressus Casey														
pallens Casey														
C. horridulus Casey	–	–	NT	BC	–	–	MB	ON	–	–	NS	–	–	–
mormonicus Casey														
C. hystriculus Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. levettei (Casey)	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
C. maritimus (Hatch)	–	–	–	BC	–	–	MB	–	–	–	–	–	–	–
C. pistorius Casey	–	–	NT	–	AB	SK	MB	ON	PQ	–	–	–	–	–
C. striolatus Casey	–	–	NT	BC	AB	–	MB	ON	PQ	–	NS	–	–	–
fraternus Casey														
macilentus Casey														
C. subtilis Mellié	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
confusus Blatchley														
julichi Dury														
wenzeli Dury														
C. tridentatus Mannerheim	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
ednae (Hatch)														
reflexus (Hatch)														
Genus ENNEARTHRON Mellié														
E. spenceri (Hatch)‡	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Genus DOLICHOCIS Dury														
D. indistinctus Hatch	–	–	–	BC	–	–	–	–	PQ	–	–	–	–	–
D. manitoba Dury	–	–	NT	BC	AB	–	MB	ON	PQ	NB	–	–	–	–

Genus ORTHOCIS Casey

O. punctatus (Mellié)	AK	–	NT	BC	AB	–	MB	ON	PQ	–	–	–	–	NF
aterrimus Casey														

Genus STRIGOCIS Dury

S. opacicollis Dury	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Genus HADRAULE C.G. Thomson
Maphoca Casey

H. blaisdelli (Casey)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
H. elongatula (Gyllenhal)†	–	–	–	–	–	–	–	–	–	NB	–	–	–	–

Genus PLESIOCIS Casey

P. cribrum Casey	–	–	–	BC	AB	–	MB	–	PQ	–	–	–	–	–

Genus CERACIS Mellié
Key to North American species: Lawrence (1967)

C. sallei (Mellié)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
C. singularis (Dury)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
C. thoracicornis (Ziegler)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
bifoveata Dury														
laminifrons (Casey)														
mellyi (Mellié)														
oblonga (Blatchley)														
picea (Casey)														
pumicata (Mellié)														
unicolor (Casey)														

Genus SULCACIS Dury

S. curtula (Casey)	–	–	–	BC	AB	SK	MB	–	PQ	–	–	–	–	–
criddlei (Dury)														
cylindrica (Dury)														
montana (Casey)														
nigra Dury														
sorror (Casey)														

Genus MALACOCIS Gorham
Brachycis Casey

M. brevicollis (Casey)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	NF

Subfamily OROPHIINAE
Tribe Orophiini

Genus OCTOTEMNUS Mellié

O. laevis Casey	AK	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
denudatus Casey														

Family MELANDRYIDAE false darkling beetles

L. LeSage

Melandryids are common throughout the world and include about 100 genera and 1200 species, of which at least 55 occur in Canada and Alaska. Adults live under bark, in fungi, or in flowers. Larvae are carnivorous or feed on decaying plant material; they live under bark, in dead logs, or in stumps; a few are found in leaf litter, but detailed life-history studies, such as that of Hoebeke and McCabe (1977), are seldom published.

The taxonomy of the family is in a state of disarray at all levels. Generic keys from general books on beetles work inconsistently. Up-to-date revisions at the species level are badly needed. Chantal (1985) keyed out the species of Hallomeninae and Eustrophinae from Quebec. At this time, no expert is working on the family in North America. The classification used here corresponds to the arrangement suggested by J.F. Lawrence (personal communication).

AK (4); YK (2); NT (3); BC (27); AB (10); SK (5); MB (9); ON (27); PQ (42); NB (11); NS (10); LB (3); NF (13) • H (3); I (2)

Subfamily HALLOMENINAE

Genus HALLOMENUS Panzer

H. binotatus (Quensel)†	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
H. debilis LeConte	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
niger Haldeman														
H. punctulatus LeConte	AK	–	–	BC	–	–	–	ON	PQ	–	–	–	–	–
basalis Mannerheim														
H. scapularis Melsheimer	–	–	–	BC	–	–	–	ON	PQ	–	–	–	–	–
luridus Haldeman														
ruficornis Melsheimer														
H. serricornis LeConte	–	–	–	BC	AB	–	–	ON	PQ	–	–	–	–	–

Subfamily EUSTROPHINAE

Genus EUSTROPHINUS Seidlitz

E. bicolor (Fabricius)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
indistinctus (LeConte)														
E. confinis (LeConte)	–	–	–	BC	–	SK	MB	ON	PQ	–	–	–	–	–

Genus EUSTROPHUS Illiger

E. tomentosus Say	–	–	–	BC	–	–	–	ON	PQ	–	–	–	–	–
niger Melsheimer														

Genus SYNSTROPHUS Seidlitz

S. repandus (Horn)	–	–	–	BC	–	–	MB	ON	PQ	–	–	–	–	–

Genus HOLOSTROPHUS Horn

H. bifasciatus (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
quadrimaculatus (Melsheimer)														
H. discolor Horn	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
H. impressicollis (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Subfamily MELANDRYINAE
Tribe Orchesiini

Genus ORCHESIA Latreille
Key to North American species: Laliberté (1966)

O. castanea (Melsheimer)	–	–	–	BC	–	–	MB	ON	PQ	–	NS	–	–	NF
O. cultriformis Laliberté	–	–	NT	–	–	SK	MB	–	PQ	–	NS	–	–	–
O. ornata Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
O. ovata Laliberté	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Genus MICROSCAPHA LeConte

M. clavicornis LeConte	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–

Genus LEDERIA Reitter
Crioscapha Horn

L. arctica (Horn)	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–

Tribe Melandryini

Genus EMMESA Newman

E. connectens Newman	–	–	–	–	–	–	–	ON	PQ	–	NS	–	LB	NF
maculata LeConte														
E. labiata (Say)	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	NF
E. stacesmithi Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
E. testacea leeperi Malkin	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus MELANDRYA Fabricius
Neoemmesa Hatch

M. blackmani Hatch	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
M. striata Say	–	–	–	BC	AB	SK	–	ON	PQ	NB	–	–	–	–
bicolor Melsheimer														

diversa Mulsant														
excavata Haldeman														
thoracica Melsheimer														
Genus PHRYGANOPHILUS C.R. Sahlberg														
P. collaris LeConte	–	–	NT	BC	AB	–	MB	ON	PQ	NB	–	–	–	–

Tribe Hypulini

Genus ZILORA Mulsant Key to North American species: Mank (1938)														
Z. canadensis Hausen	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
Z. hispida LeConte	–	YK	–	BC	AB	–	–	ON	PQ	–	–	–	–	NF
Z. nuda Provancher	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
Z. occidentalis Mank	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Genus HYPULUS Paykull														
H. concolor (LeConte)	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
Genus MICROTONUS LeConte														
M. sericans LeConte	–	–	–	?	–	–	–	–	?	–	–	–	–	–
Genus SYMPHORA LeConte *Trotomma* LeConte														
S. flavicollis (Haldeman)	–	–	–	–	–	–	MB	ON	PQ	–	NS	–	–	–
S. rugosa (Haldeman)	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
Genus PROTHALPIA LeConte														
P. holmbergi (Mannerheim)* *fulminans* (LeConte)	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. undata LeConte	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	NF

Tribe Serropalpini

Genus AMBLYCTIS LeConte														
A. praeses LeConte	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
Genus XYLITA Paykull														
X. livida (C.R. Sahlberg)*	–	YK	–	BC	AB	–	–	–	PQ	NB	NS	–	LB	NF
X. laevigata (Hellenius)* *decolorata* (Randall)	–	–	–	BC	AB	–	MB	ON	PQ	NB	–	–	–	NF
Genus SPILOTUS LeConte														
S. quadripustulatus (Melsheimer)	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
Genus RUSHIA Forel *Carebara* LeConte														
R. californica Fall *californica* Schaeffer *schaefferi* Csiki	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Genus SCOTOCHROIDES Mank														
S. antennatus Mank	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
Genus SCOTOCHROA LeConte Key to species: Mank (1939*b*)														
S. atra LeConte	–	–	–	–	–	–	–	–	PQ	NB	–	–	–	NF
S. basalis LeConte	–	–	–	BC	AB	–	–	–	–	–	–	–	–	NF
S. buprestoides (Kirby)	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	NF
Genus ENCHODES LeConte														
E. sericea (Haldeman)	–	–	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	–

Genus SERROPALPUS Hellenius
Key to North American species: Mank (1939*a*)

S. coxalis Mank	AK	–	–	BC	–	–	–	ON	PQ	NB	NS	–	–	NF
S. obsoletus Haldeman	–	–	–	BC	–	–	–	–	PQ	–	–	–	–	–
perfoveatus Mank														
S. substriatus Haldeman	–	–	NT	BC	AB	–	MB	ON	PQ	NB	–	–	LB	NF

Genus MYSTAXUS Kugelann

M. simulator (Newman)	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	NF
trifasciatus (Melsheimer)														

Genus DIRCAEA Fabricius

D. liturata (LeConte)	–	–	–	–	AB	SK	–	ON	PQ	NB	–	–	–	–
quadrimaculata (Say)														
D. horiei Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus PHLOEOTRYA Stephens

P. vaudoueri Mulsant†	–	–	–	–	–	–	–	–	PQ	–	NS	–	–	–
fusca (LeConte)														

Genus ABDERA Stephens

A. firma Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus ANISOXYA Mulsant

A. glaucula LeConte	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Subfamily OSPHYINAE
Tribe Osphyini

Genus OSPHYA Illiger
Nothus Olivier

O. varians (LeConte)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Family MORDELLIDAE tumbling flower beetles

J. McNamara

Seventy species and subspecies of mordellids have been recorded in Canada. The adults are small, humpbacked beetles, and their most distinctive feature is their long, pointed abdomen. They are commonly found on umbelliferous flowers, on which they feed. Larvae are carnivorous or feed on plant material. Some are found boring in rotten wood, others are leaf and stem miners, but very few are known.

Liljeblad (1945) revised the North American species of Mordellidae; Ermisch (1951) treated the genera of the world; and Bright (1986) published a catalog of the Nearctic species. Nevertheless, a modern revision would be useful. Members of Anaspini, which used to be included within Mordellidae, are now in the family Scraptiidae.

YK (1); NT (6); BC (18); AB (10); SK (12); MB (37); ON (49); PQ (29); NB (14); NS (7); PE (1)

Tribe Mordellini

Genus TOMOXIA Costa

T. borealis (LeConte)	–	YK	–	BC	AB	–	MB	ON	PQ	NB	–	–	–	–
T. inclusa LeConte	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
T. lineella LeConte	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
T. serval (Say)	–	–	–	–	–	–	MB	ON	PQ	NB	NS	–	–	–
T. triloba (Say)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
T. undulata (Melsheimer)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Genus MORDELLA Linné
Sphalera LeConte

M. albosuturalis Liljeblad	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
M. atrata atrata Melsheimer	–	–	NT	BC	AB	SK	MB	ON	PQ	NB	–	–	–	–
M. atrata lecontei Csiki	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
irrorata LeConte														
M. brevistylis Liljeblad	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
M. grandis Liljeblad	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
M. hubbsi Liljeblad	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
M. marginata lineata Melsheimer	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
M. marginata marginata Melsheimer	–	–	NT	BC	–	–	MB	ON	PQ	NB	NS	–	–	–
M. melaena Germar	–	–	NT	–	AB	–	MB	ON	PQ	–	–	–	–	–
M. quadripunctata (Say)	–	–	–	BC	AB	SK	MB	ON	–	–	–	–	–	–

Genus GLIPA LeConte

G. bidentata (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
G. octopunctata (Fabricius)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
G. oculata (Say)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
jovialis (LeConte)														

Genus CONALIA Mulsant & Rey

C. melanops Ray	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Tribe Mordellistenini

Genus MORDELLISTENA Costa

M. aemula LeConte	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
M. aethiops Smith	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
M. andreae ancilla LeConte	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
varians LeConte														
M. andreae andreae LeConte	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
grammica LeConte														
M. andreae ustulata LeConte	–	–	NT	–	–	–	MB	–	–	–	–	–	–	–
M. arida Leconte	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
rutila Liljeblad														
M. aspersa (Melsheimer)	–	–	–	BC	AB	–	MB	ON	PQ	–	–	–	–	–
M. bicinctella LeConte	–	–	–	–	–	–	MB	ON	–	–	–	–	–	–
M. cervicalis LeConte	–	–	–	–	–	–	MB	ON	PQ	NB	–	–	–	–
auricoma Helmuth														
exilis Liljeblad														
picicornis LeConte														
M. convicta LeConte	–	–	–	–	–	–	MB	ON	PQ	–	NS	–	–	–
M. discolor (Melsheimer)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
cinereofasciata Smith														
wolcotti Liljeblad														
M. divisa LeConte	–	–	–	–	–	SK	MB	–	–	–	–	–	–	–
M. downesi Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
M. errans Fall	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
M. frosti Liljeblad	–	–	–	–	AB	–	MB	–	PQ	NB	–	–	–	–
M. fulvicollis (Melsheimer)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
M. fuscata (Melsheimer)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
M. fuscipennis (Melsheimer)	–	–	–	–	–	–	–	ON	PQ	–	NS	PE	–	–
pityptera LeConte														
M. gigas Liljeblad	–	–	–	BC	–	–	–	ON	PQ	–	–	–	–	–
M. guttulata Helmuth	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
M. hebraica LeConte	–	–	–	–	–	–	MB	ON	–	–	–	–	–	–
M. impatiens LeConte	–	–	–	–	–	–	MB	ON	–	–	–	–	–	–
M. incommunis Liljeblad	–	–	–	–	AB	–	MB	–	–	–	–	–	–	–
M. infima LeConte	–	–	–	–	–	SK	MB	ON	–	NB	–	–	–	–
tiara Ray														
M. liljebladi Ermisch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
egregia Liljeblad														
M. limbalis (Melsheimer)	–	–	–	–	–	SK	MB	ON	PQ	–	NS	–	–	–
M. liturata (Melsheimer)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
M. lutea (Melsheimer)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
M. marginalis (Say)	–	–	NT	–	–	–	MB	ON	PQ	NB	–	–	–	–
M. morula LeConte	–	–	–	BC	–	SK	–	–	–	–	–	–	–	–
M. nigricans Melsheimer	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
nigerrima Helmuth														
M. nunenmacheri Liljeblad	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

M. ornata (Melsheimer) *decorella* LeConte *pectoralis* (LeConte)	–	–	–	–	–	SK	MB	ON	PQ	–	–	–	–	–
M. pallipes Smith	–	–	–	–	–	–	MB	ON	–	–	–	–	–	–
M. picilabris Helmuth	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
M. pustulata (Melsheimer)	–	–	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
M. quadrinotata Liljeblad	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
M. scapularis (Say) *biplagiata* Helmuth	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	–
M. semiusta LeConte	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
M. sericans Fall	–	–	–	–	–	SK	MB	–	–	–	–	–	–	–
M. sexnotata Dury *falli* Csiki *festiva* Fall	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
M. smithi Dury	–	–	–	–	–	–	MB	ON	–	–	–	–	–	–
M. suturella Helmuth	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
M. syntaenia Liljeblad	–	–	–	–	–	–	MB	–	–	NB	–	–	–	–
M. testacea Blatchley	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
M. tosta LeConte	–	–	–	–	–	–	MB	ON	PQ	NB	–	–	–	–
M. trifasciata (Say) *amica* LeConte *lepidula* LeConte *nigricollis* Helmuth	–	–	–	–	–	SK	MB	ON	PQ	NB	–	–	–	–
M. unicolor LeConte	–	–	NT	–	–	–	MB	–	–	–	–	–	–	–
M. vilis (LeConte)	–	–	–	BC	–	–	MB	ON	–	–	–	–	–	–

Genus GLIPOSTENODA Ermisch

G. ambusta (LeConte) *diversa* (Ray)	–	–	–	BC	–	–	–	ON	PQ	–	–	–	–	–

Family RHIPIPHORIDAE wedge-shaped beetles

J.M. Campbell

The family Rhipiphoridae contains about 400 species, of which 10 are known to occur in Canada. Larvae of the subfamily Rhipiphorinae are parasitic on the larvae of bees and wasps; the first instars are endoparasites and the last ones ectoparasites. Adults are often found on flowers, where females lay their eggs.

Rivnay (1929) revised the North American species of this family. However, the species of *Rhipiphorus*, the largest North American genus of the family, are poorly known and cannot be reliably determined. The records cited below, based on specimens identified with the aid of Rivnay's revision, are not all reliable. When revised, a number of additional species and provincial records will be recorded.

BC (3); AB (2); SK (2); ON (5); PQ (2)

Subfamily PELECOTOMINAE

Genus PELECOTOMA Fischer von Waldheim

P. flavipes Melsheimer	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Subfamily RHIPIPHORINAE

Genus MACROSIAGON Hentz

M. cruentum (Germar)	–	–	–	–	–	SK	–	–	–	–	–	–		
M. limbatum (Fabricius)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Genus RHIPIPHORUS Bosc d'Antic
Dorthesia Say
Myodes Latreille
Myodites Latreille

R. californicus (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
R. columbianus W.J. Brown	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
R. fasciatus (Say)	–	–	–	–	AB	SK	–	ON	–	–	–	–	–	–

R. mutchleri Rivnay	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
R. nevadicus (LeConte)	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
R. walshii (LeConte)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
R. zeschii (LeConte)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Family COLYDIIDAE cylindrical bark beetles

Y. Bousquet

Only 21 species of colydiids are known to occur in Canada. They are usually found under bark, in galleries of wood-boring larvae, and in fungi. Adults and larvae of many species are predators of wood–boring insects; others feed on rotten wood or fungi; larvae of some species are parasitic on various groups such as Scolytidae, Platypodidae, Cerambycidae, and Buprestidae.

The North American species of colydiids are usually divided into two subfamilies: Colydiinae, which includes most of the species, and Bothriderinae. Stephan (1989) has recently revised the North American species of the family.

NT (2); BC (10); AB (3); SK (1); MB (1); ON (10); PQ (5); NB (1); NF (1) • I (1)

Subfamily COLYDIINAE
Tribe Synchitini

Genus SYNCHITA Hellwig														
S. fuliginosa Melsheimer	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
nigripennis LeConte														
Genus ENDEITOMA Sharp														
E. granulata (Say)	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
floridana Casey														
Genus EUCICONES Sharp														
E. marginalis (Melsheimer)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
latus Casey														
Genus BITOMA Herbst														
Synchytodes Crotch														
B. crenata (Fabricius)†	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
B. ornata (LeConte)	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
B. quadriguttata (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
trinotata Casey														
zimmermanni Guérin-Méneville														
Genus NAMUNARIA Reitter														
Coxelus Horn														
N. guttulatus (LeConte)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
N. pacificus (Horn)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Genus LASCONOTUS LeConte														
L. borealis Horn	–	–	NT	–	–	SK	MB	ON	PQ	NB	–	–	–	NF
L. complex LeConte	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
L. intricatus Kraus	–	–	NT	BC	AB	–	–	–	–	–	–	–	–	–
krausi Hatch														
L. planipennis Kraus	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
L. tuberculatus Kraus	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
L. vegrandis Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
apicalis Casey														
schwarzi Kraus														

Tribe Colydiini

Genus AULONIUM Erichson
Key to North American species: Kingsolver & White (1967)

A. longum LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus COLYDIUM Fabricius

C. lineola Say *longiusculum* Say	–	–	–	BC	–	–	–	ON	–	–	–	–	–	–

Tribe Pycnomerini

Genus PYCNOMERUS Erichson
Endectus LeConte
Penthelispa Pascoe

P. reflexus (Say) *nitidus* (LeConte)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Subfamily BOTHRIDERINAE
Tribe Deretaphrini

Genus DERETAPHRUS Newman

D. oregonensis Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Tribe Teredini

Genus OXYLAEMUS Erichson
Redistes Casey

O. californicus Crotch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Tribe Bothriderini

Genus BOTHRIDERES Erichson

B. cryptus Stephan	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
B. geminatus (Say)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Family ZOPHERIDAE

J.M. Campbell

The family Zopheridae comprises about 125 species, of which only one is known to occur in Canada. Adults live under bark, and the larvae feed on rotten wood or on the fruiting bodies of fungi.

The higher classification and relationships of zopherids are well known, thanks to Doyen and Lawrence (1979). However, a revision of the North American species is needed.

BC (1); AB (1); ON (1); PQ (1); NB (1); NF (1)

Subfamily ZOPHERINAE

Genus PHELLOPSIS LeConte

P. obcordata (Kirby) *porcata* (LeConte)	–	–	–	BC	AB	–	–	ON	PQ	NB	–	–	–	NF

Family TENEBRIONIDAE darkling beetles

Y. Bousquet and J.M. Campbell

The family Tenebrionidae comprises over 1200 species in North America, but more than 80% of them are restricted to the southwestern United States. Only 135 species occur within the Canadian and Alaskan borders. Many tenebrionids live in semiarid areas and deserts, but in Canada most species are found in rotten wood, in fungi, under logs and stones, and under the bark of dead trees. A number of species, such as those of *Tenebrio, Gnatocerus, Tribolium*, and *Palorus*, are stored-product pests, some of which are the most important in the country. Adults and larvae feed on plants or plant material, including decaying vegetation, seeds, roots, cereals and their products, and fungi.

The concept of the family used for the checklist is similar to that of the tenebrionoid branch of Doyen and Tschinkel (1982). Adults of all species have paired defensive glands, with reservoirs opening between the seventh and eighth sternites. The lagrioid lineage, which is probably the sister group of the tenebrionids, has been given family status; these species lack defensive glands. Although the limits of the family are now fairly stable, its higher classification is still poorly understood. Numerous changes have been proposed recently in the classification of the family (see Doyen and Tschinkel 1982), and more are expected; the alleculids, for example, are probably polyphyletic in origin. Rolf L. Aalbu (personal communication) has provided the classification used here. There is no recent revision of the Nearctic Tenebrionidae, and most genera that occur in Canada have not been revised. Identification is often difficult, especially in large groups like *Eleodes*.

AK (3); YK (3); NT (8); BC (69); AB (32); SK (22); MB (32); ON (70); PQ (63); NB (16); NS (14); PE (5); LB (2); NF (7) • H (1); I (11)

Subfamily PHRENAPATINAE
Tribe Penetini

Genus CLAMORIS des Gozis
    Phthora Mulsant

C. americana (Horn) – – – BC – – – – – – – – – –

Subfamily TENTYRIINAE
Tribe Eurymetopini

Genus STERIPHANUS Casey

S. subopacus (Horn) – – – – ? – – – – – – – – –
    alutaceus Casey

Tribe Anepsiini

Genus ANEPSIUS LeConte

A. montanus Casey – – – – AB – – – – – – – – –

Tribe Coniontini

Genus CONIONTIS Eschscholtz
    Coelotaxis Horn
    Coniontellus Casey
    Coniontides Casey

C. ovalis LeConte – – – BC – – – – – – – – – –
    acerba Casey
    alutacea Casey
    anita Casey
    arida Casey
    breviuscula Casey
    corvina Casey
    inepta Casey
    oblita Casey
    okanagani Boddy
    parilis Casey

punctata Casey
regularis Casey
sculptipennis Casey
uteana Casey
vancouveri Casey
weidti Casey

Tribe Coelini

Genus COELUS Eschscholtz
Coelomorpha Casey
Pseudocoelus Casey
Key to species: Doyen (1976)

C. ciliatus Eschscholtz *amplicollis* Casey *arenarius* Casey *curtulus* Casey *debilis* Casey *latus* Casey *longulus* Casey *obscurus* Casey *scolopax* Casey *sternalis* Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Tribe Asidini

Genus ASIDOPSIS Casey

A. opaca (Say)	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
A. polita (Say)	–	–	–	–	AB	SK	–	–	–	–	–	–	–	–

Genus MICROSCHATIA Solier
Acroschatia Wilke
Pycnonotida Casey

P. inaequalis (LeConte) *diversa* (Casey)	–	–	–	?	–	–	–	–	–	–	–	–	–	–

Genus GLYPTASIDA Casey

G. sordida (LeConte)	–	–	–	–	AB	–	–	–	–	–	–	–	–	–

Genus PELECYPHORUS Solier

P. densicollis Horn *corrosus* Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Subfamily DIAPERINAE
Tribe Phaleriini

Genus PHALEROMELA Reitter
Nelites LeConte

P. globosa (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. picta (Mannerheim)	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
P. variegata Triplehorn *picta* (Horn)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–

Tribe Nitionini

Genus SCAPHIDEMA Redtenbacher
Key to North American species: Triplehorn (1965)

S. aeneolum (LeConte)	–	YK	–	BC	AB	–	MB	ON	PQ	NB	–	–	LB	–

Tribe Rhipidandrini

Genus RHIPIDANDRUS LeConte

R. flabellicornis (Sturm) *paradoxus* (Palisot de Beauvois)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Tribe Bolitophagini

Genus BOLITOTHERUS Candèze														
Phellidius LeConte														
B. cornutus (Panzer)	–	–	–	–	–	SK	MB	ON	PQ	NB	–	–	–	–
bifurcus (Fabricius)														
Genus ELEATES Casey														
E. depressus (Randall)	–	—	–	–	–	–	MB	ON	PQ	NB	–	–	–	–
tetraopes (Newman)														
E. explanatus Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Genus BOLITOPHAGUS Illiger														
B. corticola Say	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Tribe Diaperini

Key to North American genera: Doyen (1984)

Genus ADELINA Dejean														
Doliema Pascoe														
Schedarosus Reitter														
D. plana (Fabricius)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
depressa (Erichson)														
lecontei (Horn)														
scidaria (Reitter)														
Genus CYNAEUS LeConte														
C. angustus (LeConte)	–	–	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
opacus Champion														
Genus GNATOCERUS Thunberg														
Cerandria Lucas														
Echocerus Horn														
Sicinus Champion														
(Subgenus GNATOCERUS s. str.)														
G. cornutus (Fabricius)†	–	–	–	BC	–	–	MB	ON	PQ	–	NS	–	–	–
maxillaris (Palisot de Beauvois)														
Genus ALPHITOPHAGUS Stephens														
Phyletes Redtenbacher														
Phylethus Redtenbacher														
Key to North American species: Triplehorn (1965)														
A. bifasciatus (Say)	–	–	–	–	–	SK	MB	ON	PQ	–	–	–	–	–
Genus DIAPERIS O.F. Müller														
Key to North American species: Triplehorn (1965)														
D. maculata Olivier	–	–	–	–	–	–	MB	ON	PQ	NB	–	–	–	–
floridana Blatchley														
hydactina Fabricius														
hydni Fabricius														
suturalis Chevrolat														
Genus NEOMIDA Latreille														
Arrhenoplita Kirby														
Evoplus LeConte														
Hoplocephala Castelnau & Brullé														
Key to North American species: Triplehorn (1965)														
N. bicornis (Fabricius)	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
cornigera (Fabricius)														
gracilis (Motschulsky)														
virescens (Castelnau & Brullé)														
viridipennis (Fabricius)														
metallica (Palisot de Beauvois)														
Genus PLATYDEMA Castelnau & Brullé														
Histeropsis Chevrolat														
Key to North American species: Triplehorn (1965)														

P. americanum Castelnau & Brullé	–	–	–	BC	AB	–	MB	ON	PQ	NB	–	–	–	–
P. excavatum (Say)	–	–	–	?	–	–	–	ON	PQ	–	–	–	–	–
fraternum Chevrolat														
nigritum Motschulsky														
parvulum Casey														
tuberculatum Castelnau & Brullé														
P. neglectum Triplehorn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. oregonense LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. ruficorne (Sturm)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
anale Haldeman														
opaculum Casey														
rufum (Melsheimer)														
rufiventre Castelnau & Brullé														
P. subcostatum Castelnau & Brullé	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
clypeatum Haldeman														
oblongulum Motschulsky														
P. teleops Triplehorn	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Genus PENTAPHYLLUS Dejean
Key to North American species: Triplehorn (1965)

P. pallidus LeConte	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Subfamily HYPOPHLOEINAE
Tribe Hypophloeini

Genus CORTICEUS Piller & Mitterpacher
Hypophlaeus Fabricius
Key to North American species: Triplehorn (1990)

C. parallelus (Melsheimer)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
C. praetermissus (Fall)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
C. subopacus (Wallis)	–	–	NT	BC	AB	–	MB	ON	–	–	–	–	–	NF
C. substriatus (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. tenuis (LeConte)	–	–	–	BC	AB	–	–	ON	PQ	NB	–	–	–	–
minor (Wallis)														
occidentalis (Wallis)														
C. thoracicus (Melsheimer)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
piliger (LeConte)														

Subfamily OPATRINAE
Tribe Eleodini

Genus ELEODES Eschscholtz

(Subgenus MELANELEODES Blaisdell)

E. humeralis LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
latiusculus Walker														
E. obsoletus obsoletus (Say)	–	–	NT	–	AB	SK	MB	ON	–	–	–	–	–	–
E. tricostatus (Say)	–	–	NT	–	AB	SK	MB	?	–	–	–	–	–	–
alternatus Kirby														
planetus Solier														
robustus LeConte														

(Subgenus LITHELEODES Blaisdell)

E. extricatus convexicollis Blaisdell	–	–	–	–	AB	SK	–	–	–	–	–	–	–	–
E. extricatus extricatus (Say)	–	–	NT	BC	AB	SK	–	–	–	–	–	–	–	–
E. parvulus Blaisdell	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
E. vandykei modificatus Blaisdell	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

(Subgenus PROMUS LeConte)

E. opacus (Say)	–	–	NT	–	AB	SK	MB	–	–	–	–	–	–	–

(Subgenus ELEODES s. str.)

E. hispilabris connexus LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
binotatus Walker														
imitabilis Blaisdell														
immundus Blaisdell														
laevis Blaisdell														

E. hispilabris hispilabris (Say)	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–
lecontei Gemminger														
sulcatus LeConte														
E. obscurus sulcipennis Mannerheim	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
aratus LeConte														
conjunctus Walker														
convexicollis Walker														
(Subgenus BLAPYLIS Horn)														
(*Amphidora* Eschscholtz)														
(*Eleodopsis* Blaisdell)														
E. indentatus Blaisdell	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
E. novoverruculus Boddy	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
E. nunenmacheri nunenmacheri Blaisdell	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
E. pimelioides Mannerheim	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
oregonus Blaisdell														
patruelis Blaisdell														
subligatus LeConte														
verruculus Blaisdell														
viator LeConte														
E. productus Mannerheim	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
variolosus Blaisdell														
E. rotundipennis LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
strictus LeConte														
(Subgenus METABLAPYLIS Blaisdell)														
E. nigrinus LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
(Subgenus CRATIDUS LeConte)														
E. osculans (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Genus EMBAPHION Say														
E. muricatum Say	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
concavum LeConte														

Tribe Opatrini

Genus EPHALUS LeConte														
E. latimanus (LeConte)	–	–	–	–	–	–	–	–	–	–	NS	–	–	–
Genus BLAPSTINUS Dejean														
Aspidius Mulsant & Rey														
Heteropus Castelnau														
Lodinus Mulsant & Rey														
B. discolor Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
oregonensis Casey														
B. intermixtus Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
B. metallicus (Fabricius)	–	–	–	BC	AB	SK	MB	ON	PQ	–	NS	–	–	–
interruptus (Say)														
luridus Mulsant & Rey														
B. pratensis LeConte	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
B. pulverulentus Mannerheim	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
californicus Motschulsky														
B. substriatus Champion	–	–	NT	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
Genus GONOCEPHALUM Chevrolat														
G. bilineatum Walker†	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
latifrons (LeConte)														

Tribe Ulomini

Genus ULOMA Latreille														
U. impressa Melsheimer	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
U. longula LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Tribe Helopini

Genus TARPELA Bates														
Lamperos Allard														
T. micans (Fabricius)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
Genus HELOPS Fabricius														
H. californicus Mannerheim	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
H. convexulus LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
montanus LeConte														
H. pernitens LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
H. punctipennis LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
punctatus Gemminger														
H. regulus Blaisdell	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–

Subfamily TENEBRIONINAE
Tribe Triboliini

Genus TRIBOLIUM MacLeay														
Margus Dejean														
Key to species: Hinton (1948)														
(Subgenus TRIBOLIUM s. str.)														
T. audax Halstead	–	–	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
T. castaneum (Herbst)‡	–	–	–	BC	AB	SK	MB	ON	PQ	–	–	PE	–	–
ferrugineum (Dejean)														
T. confusum Jacquelin du Val‡	–	–	–	BC	–	SK	MB	ON	PQ	–	–	–	–	NF
T. destructor Uyttenboogaart†	–	–	–	BC	AB	SK	MB	ON	PQ	–	NS	PE	–	NF
T. madens (Charpentier)†	–	–	–	–	–	–	–	–	–	NB	NS	–	–	–
(Subgenus APHANOTUS LeConte)														
T. brevicorne (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Genus BIUS Mulsant														
B. estriatus (LeConte)	–	–	–	BC	AB	–	–	–	PQ	–	–	–	–	–
Genus PALORUS Mulsant														
Key to species: Halstead (1967)														
(Subgenus PALORUS s. str.)														
P. ratzeburgii (Wissman)†	–	–	–	BC	–	–	–	ON	PQ	–	NS	–	–	–
(Subgenus CIRCOMUS Fleischer)														
P. subdepressus (Wollaston)†	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
Genus LATHETICUS Waterhouse														
L. oryzae Waterhouse†	–	–	–	–	–	–	MB	–	PQ	NB	–	–	–	–

Tribe Tenebrionini

Genus ALPHITOBIUS Stephens														
A. diaperinus (Panzer)†	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	NF
A. laevigatus Fabricius†	–	–	–	BC	–	–	–	ON	–	–	–	–	–	–
piceus (Olivier)														
picipes (Panzer)														
Genus METACLISA Jacquelin du Val														
M. marginalis Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Genus CENTRONOPUS Solier														
Menechides Motschulsky														
Pyres Champion														
Scotobates Rye														
Key to New World species: Spilman (1962)														
C. calcaratus (Fabricius)	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
aeneus (DeGeer)														
carolinensis (Palisot de Beauvois)														
reflexus (Say)														

Genus TENEBRIO Linné

T. molitor Linné† *laticollis* Stephens	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
T. obscurus Fabricius† *poliens* Casey	–	–	–	BC	AB	–	–	ON	PQ	–	–	PE	–	NF

Genus NEATUS LeConte

N. tenebrioides (Palisot de Beauvois) *badius* (Say) *picipes* auct. amer.	–	–	–	BC	–	–	MB	ON	PQ	–	–	–	–	–

Genus IDIOBATES Casey

D. castaneus (Knoch) *interstitialis* (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Tribe Amarygmini

Genus MERACANTHA Kirby
Falacer Castelnau

M. contracta (Palisot de Beauvois) *canadensis* Kirby *cuprea* (Castelnau) *inflata* (Solier) (?) *rugosa* (Castelnau) (?) *tumida* (Melsheimer)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Subfamily ALLECULINAE
Tribe Alleculini

Genus HYMENORUS Mulsant
Hymenophorus Mulsant
Key to North American species: Fall (1931)

H. caurinus Fall	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
H. discretus Casey	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
H. megops Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
H. molestus Fall	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
H. niger (Melsheimer)	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
H. obesus Casey	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
H. picipennis Casey	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
H. pilosus (Melsheimer)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
H. sinuatus Fall	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Tribe Gonoderini

Genus ISOMIRA Mulsant
Tedinus Casey
Key to eastern North American species: Marshall (1970)

I. comstocki Papp	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
I. iowensis Casey	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
I. oblongula Casey	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
I. pulla (Melsheimer) *ignora* Blatchley	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
I. quadristriata (Couper) *veluntina* LeConte	–	–	–	–	–	–	MB	ON	PQ	NB	NS	–	–	–
I. sericea (Say) *tenebrosa* Casey	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
I. valida Schwarz *similis* Blatchley	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Genus PSEUDOCISTELA Crotch
Chromatia LeConte
Cistela Fabricius
Telacis Poey

P. amoena (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
P. brevis (Say) *erythroptera* (Ziegler)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

P. pectinata Hopping	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. pinguis LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
pacifica Hopping														

Genus CAPNOCHROA LeConte

C. fuliginosa (Melsheimer)	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–

Genus ANDROCHIRUS LeConte

A. erythropus (Kirby)	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
fuscipes (Melsheimer)														
luteipes LeConte														

Tribe Mycetocharini

Genus MYCETOCHARA Berthold
Mycetochares Latreille
Mycetocharis Gyllenhal
Mycetophila Gyllenhal
Pterna Seidlitz
Stigmatoma LeConte
Key to North American species: Campbell (1978*e*)

M. analis (LeConte)	–	–	–	BC	–	SK	MB	ON	PQ	–	–	–	–	–
davisi Hatch														
horni Dury														
lugubris (LeConte)														
M. bicolor (Couper)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
M. binotata (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
longula (LeConte)														
marginata (LeConte)														
M. foveata (LeConte)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
gilipes Casey														
gracilis (LeConte)														
lecontei Borchmann														
tenuis (LeConte)														
M. fraterna (Say)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
laticollis (LeConte)														
megalops Casey														
nigerrima Casey														
M. procera Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
angusta Hatch														
caseyi Hatch														
crassulipes Casey														
downei Hatch														
malkini Hatch														
nevadensis Casey														

Genus HYMENOCHARA Campbell
Key to species: Campbell (1978*d*)

H. rufipes (LeConte)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Subfamily COELOMETOPINAE
Tribe Coelometopini

Genus MERINUS LeConte

M. laevis (Olivier)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Genus XYLOPINUS LeConte
Taenobates Motschulsky

X. aenescens LeConte	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
X. saperdioides (Olivier)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
anthracinus (Knoch)														
calcaratus (Palisot de Beauvois)														
rufipes (Say)														
spinipes (Fabricius)														

Genus HAPLANDRUS LeConte

H. concolor LeConte	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–

H. fulvipes (Herbst)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
femoratus (Fabricius)														
Genus COELOCNEMIS Mannerheim														
Key to species: Doyen (1973)														
C. californica Mannerheim	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
barretti Blaisdell														
basalis Casey														
columbiana Casey														
dilaticollis Mannerheim														
idahoensis Casey														
ovipennis Casey														
rauca Casey														
rugosa Linnell														
spaldingi Casey														
utensis Casey														
Genus IPHTHIMINUS Spilman														
I. opacus (LeConte)	–	–	–	–	–	SK	MB	ON	PQ	NB	NS	–	–	–
I. salebrosus (Casey)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
I. serratus (Mannerheim)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
servator (Walker)														
servilis (Walker)														
subligatus (Walker)														
Genus ALOBATES Motschulsky														
A. pensylvanicus (DeGeer)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
chrysops (Herbst)														
inermis (Mannerheim)														
sublaevis (Palisot de Beauvois)														
Genus UPIS Fabricius														
U. ceramboides (Linné)*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	–	PE	LB	NF
reticulata (Say)														
variolosa (DeGeer)														

Tribe Strongyliini

Genus STRONGYLIUM Kirby														
Reminius Casey														
Stenochia Kirby														
Key to North American species: Triplehorn and Spilman (1973)														
S. tenuicolle (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Family LAGRIIDAE lagriid beetles

J.M. Campbell

The family Lagriidae is primarily tropical in distribution and comprises over 1000 species around the world. Only six species have been recorded in Canada. Adults of *Statira* and *Arthromacra* are usually collected by beating the foliage of trees; larvae are thought to breed in decaying wood or leaf litter. Little is known about the biology of the species.

The status of this family is uncertain. In recent studies of the higher classification of the Tenebrionidae, Watt (1974), Doyen and Lawrence (1979), and Doyen and Tschinkel (1982) placed the lagriids in Tenebrionidae, usually as a subfamily. However, Doyen and Tschinkel (1982) suggested that the lagriids and related groups form the sister group to all other tenebrionids and possibly should be restored to family status. I prefer to recognize the lagriids as a distinct family until their relationship with respect to other tenebrionoid groups has been better established. The classification of the North American lagriids was reviewed by Parsons (1975*a*), who included *Anaedus* and *Paratenetus* in the subfamily Lupropinae (tribe Heterotarsini of Tenebrionidae, in most publications); this subfamily more properly should be named Goniaderinae. Doyen and Tschinkel (1982) have suggested that the genus *Paratenetus* be placed in or near the tenebrionid tribe Belopini. Until the classification of the Lagriidae is reviewed, I have chosen to follow the arrangement of Parsons (1975*a*).

NT (1); BC (1); AB (1); MB (3); ON (5); PQ (5); NB (1); NS (1)

Subfamily GONIADERINAE

Genus PARATENETUS Spinola														
Storthephora Mäklin														
P. crinitus Fall	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
P. fuscus LeConte	–	–	NT	BC	AB	–	MB	ON	PQ	–	–	–	–	–
P. punctatus Spinola	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
Genus ANAEDUS Blanchard														
A. brunneus (Ziegler)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Subfamily LAGRIINAE

Genus ARTHROMACRA Kirby														
Key to North American species: Parsons (1975*a*)														
A. aenea (Say)	–	–	–	–	–	–	MB	ON	PQ	NB	NS	–	–	–
donacioides Kirby														

Subfamily STATIRINAE

Genus STATIRA Audinet-Serville														
Key to North American species: Parsons (1975*a*)														
S. gagatina Melsheimer	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
resplendens Melsheimer														

Family CEPHALOIDAE false long-horned beetles

J.M. Campbell

Cephaloidae is a small family of about 20 species restricted to the cooler parts of the Holarctic region. Only nine species are known to occur in Canada and Alaska. Larvae are found in old, rotting logs; adults of *Cephaloon* are often taken on flowers.

Species of this family are reasonably well known taxonomically. Hopping and Hopping (1934) and Arnett (1953) revised and reviewed, respectively, the species of the family, but included only the genus *Cephaloon*. Subsequently, Arnett (1968) transferred the subfamilies Stenotrachelinae and Nematoplinae from the melandryiids and pediliids, respectively, to Cephaloidae. Both subfamilies have been considered by some authors to be distinct families (Mamayev 1973), but I have followed Lawrence (1982*a*) in accepting Arnett's treatment.

AK (1); YK (1); NT (2); BC (5); AB (3); MB (1); ON (4); PQ (5); NB (1); PE (1); LB (2); NF (2)

Subfamily CEPHALOINAE

Genus CEPHALOON Newman														
Drachylis Casey														
Ichnodes Dejean														
Sponidium Casey														
Typitium Casey														
Key to species: Arnett (1953)														
C. bicolor Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
simulans (Casey)														
C. lepturoides Newman	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
varians Haldeman														
C. pacificum Van Dyke	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. tenuicorne LeConte	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
piceum Horn														
ornatum Casey														
versicolor Casey														
C. ungulare LeConte	–	–	–	–	–	–	–	ON	PQ	–	–	PE	LB	NF

Subfamily STENOTRACHELINAE

Genus STENOTRACHELUS Latreille

S. aeneus (Fabricius)	AK	YK	NT	BC	AB	–	MB	ON	PQ	–	–	–	LB	NF

Genus ANELPISTUS Horn

A. americanus Horn	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
A. canadensis Mank	–	–	NT	BC	AB	–	–	–	–	–	–	–	–	–

Subfamily NEMATOPLINAE

Genus NEMATOPLUS LeConte

N. collaris LeConte	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–

Family MELOIDAE blister beetles

J.M. Campbell

Meloidae comprises over 3000 species, which are found in most regions of the world. However, the majority are restricted to warmer, drier areas. Only 49 species and subspecies are known to occur in Canada and Alaska, and most of these are found in the semiarid areas of the Prairie Provinces and British Columbia. Larvae of Epicautini feed on grasshopper eggs, and those of all other Canadian blister beetles feed on eggs, larvae, and food reserves of ground-nesting bees. Larvae of Meloini and Zonitinae are phoretic. The eggs are laid on flowers, the larvae hatch, and the first-instar larvae (called triungulin) attach themselves to bees that visit flowers and are transported to the bee's nest, where they drop off. Adults of Canadian meloids are phytophagous or feed on nectar; many are considered economic pests. Adults of this family produce cantharidin (Spanish fly), which causes blisters on contact with the skin and, if present in dried hay, has been known to be fatal to horses. Cantharidin is also used for medical purposes.

Most genera of North American Meloidae are well known taxonomically. A few genera such as *Tricrania* have not been revised, and the large, important genus *Epicauta* is in need of additional study. The Canadian fauna is well known, and therefore few additional species are expected to be added to the checklist in the future. Van Dyke (1928*a*) and Arnett (1968) provide the most recent treatments of the family at the generic level.

AK (3); YK (1); NT (3); BC (25); AB (26); SK (23); MB (20); ON (17); PQ (12); NB (3); NS (3)

Subfamily MELOINAE

Tribe Meloini

Genus EURYMELOE Reitter

E. aleuticus (Borchmann)	AK	–	–	–	–	–	–	–	–	–	–	–	–	–

Genus MELOE Linné
Key to North American species: Pinto and Selander (1970)

(Subgenus TREIODOUS Dugès)

M. barbarus LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

(Subgenus MELOE s. str.)
Melittophagus Kirby

M. americanus Leach	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
moerens LeConte														
texanus Dillon														
M. angusticollis Say	–	–	–	BC	AB	SK	MB	ON	PQ	–	NS	–	–	–
montanus LeConte														
rugipennis LeConte														
M. carbonaceus LeConte	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
M. dianellus Pinto & Selander	–	–	–	BC	AB	SK	–	ON	PQ	–	NS	–	–	–
M. impressus Kirby	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	–	–	–	–
occidentalis Van Dyke														

M. niger Kirby	–	–	NT	BC	AB	SK	MB	ON	PQ	–	NS	–	–	–
kirbyi Dillon														
opacus LeConte														
perplexus LeConte														
M. occultus Pinto & Selander	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
M. strigulosus Mannerheim	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
M. vandykei Pinto & Selander	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Tribe Lyttini
Subtribe Lyttina

Genus LYTTA Fabricius
Key to species: Selander (1960)

(Subgenus PARALYTTA Selander)

L. vulnerata (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
anguicollis (Dugès)														
cooperi LeConte														

(Subgenus POREOSPASTA Horn)

L. cyanipennis (LeConte)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
salicis LeConte														
L. nuttalli Say	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
fulgifera (LeConte)														
L. stygica (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
arborea Wellman														
difficilis (Fall)														
dolosa LeConte														
nevadensis Van Dyke														
purpurescens (Fall)														
smaragdula (LeConte)														
stolida (Fall)														
L. viridana LeConte	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–

(Subgenus POMPHOPOEA LeConte)

L. sayi LeConte	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
pyrivora (Fitch)														

Subtribe Epicautina

Genus EPICAUTA Dejean
Key to North American species: Werner (1945) (see also Ballmer 1979; Pinto 1980)

(Subgenus EPICAUTA s.str.)
(*Anomalonychus* Saylor)
(*Gnathospasta* Horn)
(*Henous* Haldeman)
(*Maculicauta* Dillon)
(*Nomaspis* LeConte)
(*Pleuropompha* LeConte)

E. atrata (Fabricius)	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
coracina (Illiger)														
trichrus (Pallas)														
E. cinerea (Forster)	–	–	–	–	–	SK	MB	ON	PQ	–	–	–	–	–
fissilabris (LeConte)														
E. ferruginea (Say)	–	–	–	–	AB	SK	MB	ON	–	–	–	–	–	–
E. immerita Walker	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
E. maculata (Say)	–	–	–	–	–	SK	MB	ON	–	–	–	–	–	–
conspersa (LeConte)														
media Dugès														
nogales Werner														
punctuata (Dugès)														
E. normalis Werner	–	–	–	BC	AB	SK	–	–	–	–	–	–	–	–
E. oregona Horn	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–
E. pennsylvanica (DeGeer)	–	–	–	–	AB	SK	MB	ON	PQ	NB	–	–	–	–
morio (LeConte)														
nigra (Woodhouse)														
E. piceiventris Maydell	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–
elongatocalcarata Maydell														
E. pruinosa LeConte	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–

E. puncticollis Mannerheim	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
barberi Werner														
oblita LeConte														
E. sericans LeConte	–	–	–	–	AB	SK	–	–	–	–	–	–	–	–
E. ventralis Werner	–	–	–	–	AB	SK	–	–	–	–	–	–	–	–
E. vittata (Fabricius)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
chapmani (Woodhouse)														
lemniscata (Fabricius)														
(Subgenus MACROBASIS LeConte)														
(*Apterospasta* LeConte)														
E. fabricii (LeConte)	–	–	–	–	AB	SK	MB	ON	PQ	–	–	–	–	–
debilis (LeConte)														
E. flavocinerea (Blatchley)	–	–	–	–	–	–	MB	ON	–	–	–	–	–	–
E. murina (LeConte)	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
unicolor Kirby														
E. subglabra (Fall)	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–
Genus LINSLEYA MacSwain														
Key to species: Selander (1955)														
(Subgenus LINSLEYINA Selander)														
L. sphaericollis (Say)	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–
chalybea (LeConte)														
chalybeata (Gemminger)														
infidelis (Fall)														

Subfamily ZONITINAE
Tribe Zonitini
Subtribe Nemognathina

Genus NEMOGNATHA Illiger														
Key to North American species: Enns (1956)														
(Subgenus MEGANEMOGNATHA Enns)														
N. lutea dichroa LeConte	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–
N. lutea lutea LeConte	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
N. soror MacSwain	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
(Subgenus PAURONEMOGNATHA Enns)														
N. nemorensis Hentz	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
bimaculata Melsheimer														
(Subgenus NEMOGNATHA s. str.)														
N. piazata bicolor LeConte	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
discolor LeConte														
stellaris Beauregard														
texana LeConte														
Genus TRICRANIA LeConte														
Tricraniodes Wellman														
T. murrayi LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
T. sanguinipennis (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
T. stansburyi (Haldeman)	–	–	NT	BC	–	–	–	–	–	–	–	–	–	–
Genus HORNIA Riley														
H. minutipennis Riley	–	–	–	–	AB	–	–	–	–	–	–	–	–	–

Subtribe Zonitina

Genus ZONITIS Fabricius														
Key to North American species: Enns (1956)														
(Subgenus NEOZONITIS Enns)														
Z. bilineata Say	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
lineata Melsheimer														
mandibularis Melsheimer														
Z. vermiculata Schaeffer	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
(Subgenus PARAZONITIS Enns)														

Z. sayi Wickham *immaculata* (Say)	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–

Genus GNATHIUM Kirby
Key to species: MacSwain (1952)

G. minimum (Say)	–	–	–	–	AB	SK	–	–	–	–	–	–	–	–

Family OEDEMERIDAE false blister beetles

J.M. Campbell

The family Oedemeridae comprises at least 100 genera and 1500 species, distributed in all faunal regions. Thirteen species are known to occur in Canada and Alaska. The biology of most species is unknown. Larvae of some species live in rotten wood, and adults of most species are found on flowers, where they feed on pollen and nectar. One species, *Nacerdes melanura* (wharf borer), is an economic pest of pilings and ship timber. A few exotic species have been reported to cause blistering similar to that produced by some blister beetles.

Arnett (1951) revised the North American species of oedemerids; little information has since been added to our knowledge of the Canadian fauna.

AK (2); BC (10); AB (4); MB (3); ON (5); PQ (5); NB (1); NS (2); NF (1) • I (1)

Subfamily CALOPODINAE

Genus CALOPUS Fabricius

C. angustus LeConte	–	–	–	BC	AB	–	–	ON	PQ	–	–	–	–	–

Subfamily NACERDINAE

Genus XANTHOCHROA Schmidt

X. testacea Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus NACERDES Dejean
Anogcodes Dejean

N. melanura (Linné)† *apicalis* (Say)	–	–	–	BC	AB	–	MB	ON	PQ	NB	NS	–	–	NF

Subfamily OEDEMERINAE
Tribe Ditylini

Genus DITYLUS Fischer von Waldheim

D. caeruleus (Randall)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
D. gracilis LeConte *vestitus* LeConte	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
D. quadricollis LeConte *consors* LeConte	AK	–	–	BC	AB	–	–	–	–	–	–	–	–	–

Tribe Asclerini

Genus XANTHROCHROINA Ganglbauer

X. bicolor (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus ASCLERA Stephens

A. discolor LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. excavata LeConte	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
A. nigra LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. puncticollis (Say)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
A. ruficollis (Say) *carinata* (Newman)	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–

Genus COPIDITA LeConte

C. quadrimaculata LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Family PROSTOMIDAE prostomid beetles

J.M. Campbell

Prostomidae is a small family that contains only two genera and about 20 species. Most faunal regions, except South America, have a few species of the family; only one species occurs in Canada. Nothing is known about the habitat of this species.

In most North American literature *Prostomis americanus* has been referred to as *P. mandibularis* (Fabricius), a European species.

BC (1)

Genus PROSTOMIS Latreille

P. americanus Crotch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Family SYNCHROIDAE synchroid beetles

L. LeSage

As currently defined (Crowson 1966, Lawrence 1982*a*), the family Synchroidae is reduced to two genera and 10 species, which were previously placed in the Melandryidae. Only one species of the genus *Synchroa* occurs in Canada. Both adults and larvae live under the bark of old dead trees.

There is no recent treatment of the North American species of this family.

MB (1); ON (1); PQ (1)

Genus SYNCHROA Newman

S. punctata Newman	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
murina Haldeman														
umbrina Melsheimer														

Family MYCTERIDAE mycterid beetles

J.M. Campbell

Mycteridae includes about 160 species around the world, of which four are known to occur in Canada. Larvae live under bark, and adults are often found on flowers.

Species of this family have been included in a variety of families, including Melandryidae (Leng 1920), Salpingidae (Arnett 1968), and Pythidae (Hatch 1965). I have followed Lawrence (1982*a*) in considering mycterids to be a distinct family. The species are rather poorly known taxonomically, and a modern revision is needed badly.

BC (2); ON (2); PQ (2)

Genus LACCONOTUS LeConte

L. pinicola Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
L. punctatus LeConte	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Genus MYCTERUS Clairville
Key to North American species: Hopping (1935)

M. concolor LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
flavipennis Horn														
M. scaber Haldeman	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Family BORIDAE

J.M. Campbell

Boridae contains three genera and six species; only two species occur in Canada. Larvae of *Boros* occur under the bark of coniferous trees and probably feed on decayed cambium (Lawrence 1982*a*).

The species of Boridae have been placed in a variety of families such as Tenebrionidae (Leng 1920), Pythidae (Hatch 1965), and Salpingidae (Arnett 1968). Young (1985*b*) transferred *Lecontia* from the family Pythidae to the Boridae. I have followed Lawrence (1982*a*) in recognizing Boridae as a separate family.

NT (1); BC (1); AB (2); SK (2); MB (2); ON (2); PQ (2); NB (1)

Genus BOROS Herbst														
B. unicolor Say	–	–	–	–	AB	SK	MB	ON	PQ	–	–	–	–	–
Genus LECONTIA Champion *Crymodes* LeConte														
L. discicollis (LeConte)	–	–	NT	BC	AB	SK	MB	ON	PQ	NB	–	–	–	–

Family PYTHIDAE pythid beetles

J.M. Campbell

The family Pythidae forms a small group comprising only about 50 species around the world, of which six occur in Canada and Alaska. Members of the subfamily Pythinae occur primarily in the Holarctic region, whereas members of the other two subfamilies are found in Central and South America, New Zealand, and Australia. Both larvae and adults are found under bark of coniferous trees. Larvae feed on decaying inner bark (*Pytho*) or sapwood (*Priognathus*).

Members of this family have previously been assigned to other families such as Salpingidae (Arnett 1968) or, conversely, Pythidae has included a number of taxa now transferred to other families such as Salpingidae, Cononotidae, and Mycteridae. The arrangement followed here is based on Lawrence (1982*a*) with the exception of *Lecontia*, which has been transferred to Boridae as Young suggests (1985*b*). Pollock is currently revising the genus *Pytho*, so that most species of the family will soon be well known taxonomically.

AK (3); YK (3); NT (3); BC (5); AB (4); SK (3); MB (4); ON (4); PQ (4); NB (3); NS (4); LB (1); NF (2)

Subfamily PYTHINAE

Genus PYTHO Latreille														
P. americanus Kirby *deplanatus* Mannerheim	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	LB	–
P. niger Kirby	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	NS	–	–	NF
P. seidlitzi Blair	–	–	NT	BC	AB	–	MB	ON	PQ	–	NS	–	–	–
P. strictus LeConte	–	–	–	–	–	–	–	–	–	NB	–	–	–	–
Genus PRIOGNATHUS LeConte														
P. monilicornis (Randall) *sahlbergi* (Mannerheim)	AK	YK	–	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
Genus SPHALMA Horn														
S. quadricollis Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Family PYROCHROIDAE fire-colored beetles

J.M. Campbell

Twelve species of the family Pyrochroidae are known to occur in Canada and Alaska. Adult pyrochroids are rarely collected, although adults of *Dendroides* and *Neopyrochroa* occasionally are attracted to light, and those of most species can be collected in flight intercept traps or Malaise traps. Larvae of many species are common and are among the most frequently collected and distinctive species of Coleoptera found under bark and in rotting wood. Young (1975) summarized the feeding habits and biology of pyrochroids. Larvae live in dead wood and are apparently fungivorous rather than predaceous or xylophagous, as reported by earlier authors. Adults rarely feed, but may be attracted at night to fermenting fruit or bait. Adults of *Neopyrochroa* and *Schizotus cervicalis* are attracted to cantharidin.

The family is well known taxonomically, thanks to the revision and catalog of the North American species by Young (1975 and 1983, respectively). However, in recent papers, Young has suggested that *Ischalia* be transferred to the Anthicidae (1985*a*) and that the genus *Pedilus* be transferred from Pedilidae to Pyrochroidae (1984). I prefer to postpone making these changes until his more detailed analysis of *Pedilus* is published.

AK (2); NT (1); BC (5); AB (4); SK (1); MB (3); ON (7); PQ (7); NB (3); NS (4); NF (1)

Subfamily ISCHALIINAE

Genus ISCHALIA Pascoe

(Subgenus EUPLEURIDA LeConte)

I. costata (LeConte)	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
I. vancouverensis Harrington	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–

Subfamily PYROCHROINAE

Genus SCHIZOTUS Newman

S. cervicalis Newman	–	–	NT	BC	AB	–	MB	ON	PQ	NB	NS	–	–	–
S. fuscicollis (Dejean)	AK	–	–	–	–	–	–	–	–	–	–	–	–	–

Genus NEOPYROCHROA Blair

N. femoralis (LeConte)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
N. flabellata (Fabricius)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Genus DENDROIDES Latreille

D. canadensis Latreille *bicolor* (Newman) *cyanipennis* Latreille	–	–	–	–	–	–	MB	ON	PQ	NB	NS	–	–	–
D. concolor (Newman)	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	NF
D. ephemeroides (Mannerheim)	AK	–	–	BC	AB	–	–	–	–	–	–	–	–	–
D. marginatus Van Dyke *pacificus* Barrett	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
D. picipes Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
D. testaceus LeConte	–	–	–	–	AB	SK	MB	ON	PQ	–	–	–	–	–

Family SALPINGIDAE narrow-waisted bark beetles

J.M. Campbell

Salpingidae comprises 10 species in Canada and Alaska and about 350 species around the world. The adults are most often found under the bark of conifers, on flowers, or in detritus. Their feeding habits are unknown.

Salpingidae, as currently constituted (Lawrence 1982*a*), includes groups previously treated as distinct families, such as the aegialitids, dacoderids, elacatids, eurystethids, inopeplids, othniids, and tretothoracids. On the other hand, some of the salpingid genera were previously included in families such as the Pythidae and Colydiidae (*Aglenus*). The family is poorly known taxonomically, and a comprehensive revision of most North American genera is needed.

AK (3); YK (1); NT (1); BC (7); AB (1); SK (1); MB (1); ON (3); PQ (2); NB (1); NS (1); LB (1); NF (2) • I (1)

Subfamily SALPINGINAE

Genus SPHAERIESTES Stephens
    Salpingus auct.

S. alternatus (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
S. virescens (LeConte)	–	YK	NT	BC	AB	SK	MB	ON	PQ	NB	–	–	LB	NF

Genus VINCENZELLUS Reitter

V. elongatus (Mannerheim)	AK	–	–	–	–	–	–	–	–	–	–	–	–	–

Genus RHINOSIMUS Latreille
    Key to North American species: Blair (1932)

R. viridiaeneus Randall *aeneirostris* Mannerheim *nitens* LeConte	AK	–	–	BC	–	–	–	ON	PQ	–	NS	–	–	NF
R. lecontei Blair	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
R. pallipes Boheman	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Subfamily AEGIALITINAE

Key to species: Spilman (1967)

Genus AEGIALITES Dejean
    Eurystethus Seidlitz

A. californicus Motschulsky	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–

Subfamily OTHNIINAE

Genus ELACATIS Pascoe
    Othnius LeConte

E. lugubris (Horn)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Subfamily AGLENINAE

Genus AGLENUS Erichson

A. brunneus (Gyllenhal)† *obsoletus* (Shuckard)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Family ANTHICIDAE antlike flower beetles

Y. Bousquet

Anthicidae comprises 55 species in Canada and Alaska. The adults are usually found under debris and in leaf litter on the ground or on flowers and foliage; the larvae live in the soil and in decayed vegetation. Apparently, members of many species are scavengers; those of some species are known to be egg predators.

The North American species of this family are usually grouped into two subfamilies, Notoxinae and Anthicinae. Thanks to the work of Werner and of Chandler, the taxonomy of most of the groups that occur in North America has been worked out.

AK (2); YK (2); NT (5); BC (29); AB (25); SK (24); MB (19); ON (25); PQ (21); NB (9); NS (5); PE (1); NF (3) • I (3)

Subfamily NOTOXINAE
Tribe Notoxini

Genus MECYNOTARSUS LaFerté-Sénectère
Key to New World species: Chandler (1977)

M. candidus LeConte	–	–	–	–	AB	–	–	–	–	–	–	–	–	–

Genus NOTOXUS Fabricius
Ceratoderus Blanchard
Monocerus Faldermann
Key to North American species: Chandler (1982)

N. anchora Hentz	–	–	NT	–	AB	SK	MB	ON	PQ	NB	–	PE	–	–
N. bifasciatus (LeConte)	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
N. cavicornis LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
breviusculus Fall														
obesulus Blaisdell														
N. desertus Casey	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
constrictus Casey														
N. intermedius Fall	–	–	–	–	AB	SK	–	–	–	–	–	–	–	–
parvidens Fall														
N. manitoba Chandler	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
N. marginatus LeConte	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
N. montanus Casey	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
microcerus Casey														
similis Fall														
N. pictus Casey	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
N. robustus Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
humboldti Casey														
N. schwarzi Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
N. serratus (LeConte)	–	–	–	BC	AB	SK	–	–	–	–	–	–	–	–
digitalis LeConte														
vandykei Blaisdell														
N. subtilis LeConte	–	–	–	–	AB	SK	MB	ON	–	–	–	–	–	–

Subfamily ANTHICINAE
Tribe Anthicini

Genus AMBLYDERUS LaFerté-Sénectère

A. granularis LeConte	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
A. obesus Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. pallens LeConte	–	–	–	BC	AB	SK	MB	ON	PQ	NB	–	–	–	–

Genus ANTHICUS Paykull
Nathicus Casey
Key to North American species: Werner (1964)

A. ancilla Casey	–	–	–	–	AB	SK	–	–	–	–	–	–	–	–
caseyi Pic														
parallelus Casey														
A. bellulus LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

helvinus Casey														
minusculus Champion														
A. biguttulus LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
ovicollis Casey														
protectus Casey														
A. cervinus LaFerté-Sénectère	–	–	NT	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
bifasciatus Say														
bizonatus LaFerté-Sénectère														
gilensis Casey														
seminotatus Casey														
terminalis LeConte														
A. coracinus LeConte	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	–
A. cribratus LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
hecate Casey														
A. ephippium LaFerté-Sénectère	–	–	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
confusus LeConte														
difficilis LeConte														
luteolus LeConte														
pinguescens Casey														
simiolus Casey														
A. flavicans LeConte	–	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	–
A. haldemani LeConte	–	–	NT	–	AB	SK	–	ON	PQ	–	–	–	–	NF
decorellus Casey														
quadriguttatus Haldeman														
saucius Casey														
A. hastatus Casey	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–
solidus Casey														
subcalvus Casey														
A. heroicus Casey	–	–	–	–	–	–	–	–	PQ	NB	–	–	–	–
A. lecontei Champion	–	–	–	BC	AB	SK	–	ON	PQ	–	–	–	–	–
auriger Casey														
junctus Casey														
stellatus Casey														
vulneratus Casey														
A. lutulentus Casey	–	–	–	BC	AB	SK	–	ON	–	–	–	–	–	–
agilis Casey														
herifugus Casey														
mundus Casey														
A. melancholicus LaFerté-Sénectère	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
facilis Casey														
latebrans LeConte														
spretus LeConte														
A. nanus LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
amoenus Casey														
innocens Casey														
inscitus Casey														
nympha Casey														
obliquus Casey														
peninsularis Casey														
vagans Casey														
A. nigritus Mannerheim	AK	YK	NT	–	–	–	–	–	–	–	–	–	–	–
A. praeceps Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. punctulatus LeConte	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–
cephalotes Casey														
decrepitus Casey														
mercurialis Casey														
monticola Casey														
A. scabriceps LeConte	–	–	–	–	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
compositus Casey														

Genus SAPINTUS Casey

Key to North American species: Werner (1962)

S. fulvipes (LaFerté-Sénectère)	–	–	–	BC	–	–	MB	ON	PQ	–	–	–	–	–
colonus Casey														
rusticus Casey														
S. lemniscatus Werner	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
S. pubescens (LaFerté-Sénectère)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
S. pusillus (LaFerté-Sénectère)	–	–	–	–	–	–	MB	ON	PQ	–	NS	–	–	–
binominatus Pic														
festinans Casey														
mollis Casey														

Genus STRICTICOMUS Pic														
S. tobias (Marseul)†	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
Genus OMONADUS Mulsant & Rey														
Hemantus Casey														
Key to North American species: Werner (1964)														
O. floralis (Linné)†	–	–	–	BC	AB	SK	MB	ON	PQ	NB	–	–	–	NF
(?) *basillaris* (Say)														
O. formicarius (Goeze)†	–	–	–	BC	AB	SK	MB	ON	PQ	NB	–	–	–	–
enodis (Casey)														
rixator (Casey														
scenicus (Casey)														
Genus MALPORUS Casey														
M. cinctus (Say)	–	–	–	–	–	SK	–	ON	–	–	–	–	–	–
M. formicarius (LaFerté-Sénectère)	–	–	–	–	–	SK	MB	ON	PQ	NB	NS	–	–	–
Genus THICANUS Casey														
T. mimus Casey	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–
Genus EUVACUSUS Casey														
E. coloradanus Casey	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–
Genus VACUSUS Casey														
Key to species: Werner (1961)														
V. formicetorum (Wasmann)	–	–	–	–	AB	SK	–	–	–	–	–	–	–	–
desertorum Casey														
prominens Casey														
suspectus Casey														
V. nigritulus (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
arcanus Casey														
Genus ISCHYROPALPUS LaFerté-Sénectère														
Lappus Casey														
Key to North American species: Werner (1973)														
I. cochisei Werner	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
I. nitidulus (LeConte)	–	–	–	BC	–	–	–	ON	PQ	–	–	–	–	–
alacer (Casey)														
asperulus (Casey)														
cursor (Casey)														
nubilatus (Casey														
solivagans (Casey)														
vigilans (Casey)														
I. obscurus (LaFerté-Sénectère)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
I. sturmi (LaFerté-Sénectère)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
elegans (LaFerté-Sénectère)														
I. turgidicollis (Casey)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
animatus (Casey)														
Genus TANARTHRUS LeConte														
Key to species: Chandler (1975)														
(Subgenus TANARTHROPSIS Casey)														
T. salicola LeConte	–	–	–	–	–	SK	–	–	–	–	–	–	–	–
densus Casey														
mormon Wickham														
nubifer Casey														
tricolor Casey														
virginalis Wickham														

Family PEDILIDAE pedilid beetles

Y. Bousquet

Pedilidae currently includes 19 species in Canada; none has been reported from Alaska. The adults usually occur on flowers or foliage and feed on flowers, pollen, and nectar; they are attracted to light at night. The larvae live in decaying plant matter, usually in wet places.

The group is probably closely related to Anthicidae, and some authors, including Crowson (1955) and Lawrence (1982*a*), have included the pedilids in Anthicidae. Members of Pedilidae are usually classified in two subfamilies, Pedilinae and Eurygeniinae. Young (1984) suggested that the genus *Pedilus* be transferred from Pedilidae to Pyrochroidae and placed in its own subfamily (Pedilinae) and that other North American pedilids be tranferred to Anthicidae. I prefer to wait until Young's revision of the genus *Pedilus* is published before incorporating these changes.

BC (8); AB (4); SK (1); MB (2); ON (6); PQ (9); NB (1); NS (1)

Subfamily PEDILINAE

Genus PEDILUS Fischer von Waldheim
Corphyra Say

P. abnormis (Horn)	–	–	–	?	AB	–	–	–	–	–	–	–	–	–
P. canaliculatus (LeConte)	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
P. cyanipennis Bland	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
P. elegans (Hentz)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
fulvipes Newman														
haemorrhoidalis Ziegler														
lugubris Newman														
newmani LeConte														
ruficollis Ziegler														
P. flabellatus (Horn)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. impressus (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
P. inconspicuus (Horn)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. longilobus Fall	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
P. lugubris (Say)	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
imus Newman														
inornatus (Randall)														
infumatus (Hentz)														
nigricans Ziegler														
rufithorax Newman														
P. oregonus Fall	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. punctulatus LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
funebris (Horn)														
P. terminalis (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
guttula Newman														

Subfamily EURYGENIINAE
Tribe Eurygeniini

Genus PERGETUS Casey

P. campanulatus (LeConte)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–

Genus STEREOPALPUS LaFerté-Sénectère
Key to species: Abdullah (1965)

S. columbianus Hopping	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
S. guttatus LeConte	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
impressicollis Casey														
subalbicans Casey														
S. hirtus Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
S. rufipes Casey	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
S. vestitus (Say)	–	–	–	–	–	SK	MB	ON	PQ	–	–	–	–	–
badiipennis LeConte														

Tribe Macratriini

Genus MACRATRIA Newman														
M. confusa LeConte	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Family ADERIDAE antlike leaf beetles

Y. Bousquet

Aderidae is a small family that includes nine species within the borders of Canada. Very little is known about these beetles. The adults are usually found on foliage and flowers; the larvae of some species have been found in rotten wood and leaf litter.

Except for Werner's (1990) recent review of the eastern North American species, members of this family has been little studied taxonomically.

BC (1); ON (8); PQ (8); NB (1); NS (1) • I (1)

Genus ELONUS Casey														
E. basalis (LeConte)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
princeps Casey														
E. nebulosus (LeConte)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
Genus ADERUS Westwood														
Phomalus Casey														
A. populneus (Panzer)†	–	–	–	BC	–	–	–	ON	PQ	–	–	–	–	–
Genus VANONUS Casey														
Tanilotes Casey														
V. calvescens Casey	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
V. piceus (LeConte)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
congener Casey														
fusciceps Casey														
tuberculifer (Hamilton)														
V. vigilans Casey	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
V. wickhami Casey	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
lacustris (Casey)														
Genus ZONANTES Casey														
Z. fasciatus (Melsheimer)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
tricuspis Casey														
Z. pallidus Werner	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Family SCRAPTIIDAE scraptiid beetles

L. LeSage

The family Scraptiidae, which comprises about 400 species around the world and 21 in Canada and Alaska, represents a group of beetles with uncertain affinities. Previously placed in Mordellidae, or Melandryidae, or Anthicidae, they are now considered to be a separate family closely related to those families (Crowson 1955; Franciscolo 1963; Lawrence 1982*a*). Adults are often found in large numbers on flowers, and larvae occur in decaying wood or in leaf litter.

There is no recent treatment of the family in North America; the Canadian fauna is poorly known except in the provinces of Quebec and British Columbia. Young (1976) transferred the genus *Pectotoma*, previously included in Tetratomidae, to Scraptiini.

AK (2); YK (1); BC (16); AB (5); SK (1); MB (1); ON (8); PQ (10); NB (3); NS (2); NF (3)

Subfamily ANASPIDINAE
Tribe Anaspidini

Key to North American species: Liljeblad (1945)

Genus ANASPIS Geoffroy														
A. atrata Champion	–	YK	–	BC	AB	–	–	–	–	–	–	–	–	–
atra LeConte														
A. duryi Liljeblad	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. flavipennis Haldeman	–	–	–	BC	–	–	–	ON	PQ	NB	–	–	–	–
A. nigrina Csiki	–	–	–	BC	–	–	–	ON	PQ	–	–	–	–	NF
nigra (Haldeman)														
A. rayi Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. rufa Say	AK	–	–	BC	AB	–	–	ON	PQ	NB	NS	–	–	NF
dimidiata Melsheimer														
filiformis LeConte														
nigriceps LeConte														
pallescens Mannerheim														
ventralis Melsheimer														
A. seposita Liljeblad	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. sericea (Mannerheim)	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
luteipennis LeConte														
Genus SILARIA Mulsant														
S. revelstokei Liljeblad	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Genus LARISIA Emery														
L. nigricolor Liljeblad	–	–	–	BC	AB	–	–	ON	–	–	–	–	–	–
Genus NASSIPA Emery														
N. hoppingi Liljeblad	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Subfamily SCRAPTIINAE
Tribe Allopodini

Genus ALLOPODA LeConte														
A. californica Schaeffer	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. lutea (Haldeman)	–	–	–	–	–	–	–	–	?	–	–	–	–	–
fuscosuturalis (Blatchley)														

Tribe Scraptiini

Genus SCRAPTIA Latreille														
S. sericea (Melsheimer)	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
Genus CANIFA LeConte														
C. pallipennis LeConte	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
C. pallipes (Melsheimer)	–	–	–	BC	–	–	MB	ON	PQ	–	NS	–	–	NF
biimpressa (Haldeman)														
C. plagiata (Melsheimer)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
americana (Haldeman)														
C. pusilla (Haldeman)	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
Genus PECTOTOMA Hatch														
P. hoppingi Hatch	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–

Tribe Pentariini

Genus PENTARIA Mulsant
Anthobates LeConte
Anthobatula Strand
Key to North American species: Liljeblad (1945)

P. fuscula (LeConte)	–	–	–	BC	–	–	–	–	PQ	–	–	–	–	–
P. trifasciata Melsheimer	–	–	–	BC	AB	SK	–	ON	PQ	–	–	–	–	–
nubila (LeConte)														

Superfamily Chrysomeloidea
Family CERAMBYCIDAE longhorned beetles

J. McNamara

Cerambycidae is represented in Canada and Alaska by 354 species and subspecies; it is one of the largest groups of wood-boring insects. These beetles have always been popular with collectors because of their bright colors and the large size of adults of many species. The adults generally feed on wood, roots, leaves, and pollen. Flower-feeding adults may visit many different blossoms, but some are host-specific; they are important plant-pollination agents. The larvae bore into wood and roots; the host wood may be living or thoroughly decayed. Some may even totally destroy timber for commercial purposes. Cerambycids play an important role in forest ecology because they help in the decomposition of dead and dying trees.

Thanks to the works of Linsley (1962*a*, 1962*b*, 1963, 1964) and Linsley and Chemsak (1972, 1976, 1985), the North American fauna is taxonomically well known; only the second part of the subfamily Lamiinae remains to be done. Chemsak and Linsley (1982) also published a checklist of the North American cerambycids.

AK (31); YK (27); NT (32); BC (145); AB (88); SK (56); MB (100); ON (209); PQ (178); NB (68); NS (51); PE (11); LB (13); NF (24) • H (4); I (1)

Subfamily PARANDRINAE
Tribe Parandrini

Genus PARANDRA Latreille

(Subgenus NEANDRA Lameere)

P. brunnea brunnea (Fabricius)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
ampliceps Casey														
conformis J. Thomson														
dentata J. Thomson														
gravidula Casey														
minuta J. Thomson														
purpureus (Herbst)														
quadricollis J. Thomson														
sayi J. Thomson														
P. brunnea quebecensis Abdullah	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–

Subfamily PRIONINAE
Tribe Ergatini

Genus ERGATES Audinet-Serville
Trichocnemis LeConte

E. spiculatus spiculatus (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
californicus (A. White)														
spiculigerus (A. White)														

Tribe Prionini

Genus ORTHOSOMA Audinet-Serville

O. brunneum (Forster)	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
amplians Casey														
cylindricum (Fabricius)														
cylindroides (Gmelin)														
pennsylvanicum (DeGeer)														
spadix Casey														
unicolor (Drury)														

Genus PRIONUS Geoffroy

(Subgenus PRIONUS s. str.)
(*Prionellus* Casey)

P. californicus Motschulsky	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
acomanus Casey														
alutaceus Casey														

ambiguus Casey														
angustulus Casey														
coloradensis Casey														
compar Casey														
consors Casey														
crassicornis LeConte														
curvatus LeConte														
fissifrons Casey														
horni Lameere														
humeralis Casey														
ineptus Casey														
nanus Casey														
orbiceps Casey														
ovipennis Casey														
parvicollis Casey														
proximans Casey														
punctulatus Casey														
scutellaris Casey														
serriger Casey														
solidus Casey														
spaldingi Casey														
spiculosus Casey														
stultus Casey														
suspectus Casey														
terminalis Casey														
texanus Casey														
uintanus Casey														
P. laticollis (Drury)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
brevicornis Fabricius														
densus Casey														
frosti Casey														
kempi Casey														
nigrescans Casey														
oblongus Casey														
parvus Casey														
P. lecontei Lameere	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. pocularis Dalman	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
bicolor Casey														
curticornis LeConte														
laevigatus Harris														
obliquicornis LeConte														
prolixus Casey														
validiceps Casey														
(Subgenus NEOPOLYARTHRON Semenov)														
(*Riponus* Casey)														
P. imbricornis (Linné)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
brunneus Casey														
cuneatus Casey														
diversus Casey														
mimus Casey														
robustus Casey														
(Subgenus ANTENNALIA Casey)														
P. fissicornis Haldeman	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
parviceps Casey														
thoracicus Casey														
transversus Casey														

Tribe Tragosomini

Genus TRAGOSOMA Audinet-Serville														
T. depsarium (Linné)*	–	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
harrisii LeConte														
parvicolle Casey														
repens Casey														
sodale Casey														
spiculum Casey														

Subfamily SPONDYLINAE

Genus SPONDYLIS Fabricius

S. upiformis Mannerheim	AK	–	–	BC	AB	–	–	ON	PQ	–	–	–	–	–
basalis Casey														
collaris Casey														
laticeps LeConte														
parva Casey														
robustula Casey														
subpubescens Casey														

Subfamily ASEMINAE
Tribe Asemini

Genus ARHOPALUS Audinet-Serville
Criocephalum Dejean
Criocephalus Mulsant

A. asperatus (LeConte)	–	–	NT	BC	AB	SK	–	–	–	–	–	–	–	–
filitarsis (Casey)														
A. foveicollis (Haldeman)	AK	YK	NT	–	AB	SK	MB	ON	PQ	NB	NS	–	LB	NF
agrestis (Kirby)														
cervinus (Casey)														
lacustrinus (Casey)														
A. productus (LeConte)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
elongatus (Casey)														
propinquus (Casey)														
A. rusticus obsoletus (Randall)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
mexicanus (J. Thomson)														
obscurus (LeConte)														

Genus MEGASEMUM Kraatz

M. asperum (LeConte)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
impressum (Casey)														
rectipennis (Casey)														
uteanum (Casey)														

Genus ASEMUM Eschscholtz
Liasemum Casey

A. australe LeConte	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
champlainianum (Casey)														
A. caseyi Linsley	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. nitidum LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
mokelumne Casey														
A. striatum (Linné)*	–	YK	NT	BC	AB	SK	MB	ON	PQ	NB	–	–	–	NF
amputatum Casey														
atrum Eschscholtz														
brevicorne Casey														
brunneum Haldeman														
carolinum Casey														
costulatum Casey														
curtipenne Casey														
ebenum Casey														
fulvipenne Casey														
fuscum Haldeman														
gracilicorne Casey														
juvencum Haldeman														
moestum Haldeman														
obsoletum Haldeman														
parvicorne Casey														
pugetanum Casey														
stoctonense Casey														
substriatum Haldeman														

Genus TETROPIUM Kirby

T. abietis Fall	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
T. cinnamopterum Kirby	AK	YK	NT	BC	AB	–	MB	ON	PQ	–	NS	–	–	NF
T. parvulum Casey	AK	YK	NT	BC	AB	–	MB	ON	PQ	–	–	–	LB	–
alaskanum Fall														

T. schwarzianum Casey	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	NF
T. velutinum LeConte	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
boreale Casey														
columbianum Casey														
hexagonum Casey														

Tribe Atimiini

Genus ATIMIA Haldeman														
A. confusa confusa (Say)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
tristis Haldeman														
A. confusa dorsalis LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. hoppingi Linsley	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Subfamily CERAMBYCINAE
Tribe Opsimini

Genus OPSIMUS Mannerheim														
O. quadrilineatus Mannerheim	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
biplectralis Casey														
Genus DICENTRUS LeConte														
Paraopsimus Champlain & Knull														
D. bluthneri LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Tribe Smodicini

Genus SMODICUM Haldeman														
S. cucujiforme (Say)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
convergens Casey														
cylindrides (Newman)														

Tribe Hesperophanini

Genus TYLONOTUS Haldeman														
T. bimaculatus Haldeman	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
Genus HESPEROPHANES Mulsant														
Anoplium Haldeman														
H. pubescens (Haldeman)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
Genus EBURIA Audinet-Serville														
E. quadrigeminata (Say)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Tribe Elaphidiini

Genus PSYRASSA Pascoe														
Pseudibidion Casey														
P. unicolor (Randall)	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
plochionocera (Haldeman)														
Genus STENOSPHENUS Haldeman														
S. notatus (Olivier)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
deflendus (Newman)														
discicollis (Dejean)														
discoideus (Sturm)														
pinorum Casey														
Genus ENAPHALODES Haldeman														
Hypermallus Lacordaire														
Romaleum A. White														
Thersalus Pascoe														

E. atomarius (Drury)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
bispinosus (Pascoe)														
marylandicus (Fabricius)														
multicolor (Gmelin)														
pulverulentus (DeGeer)														
thoracicum (Casey)														
variegatus (Goeze)														
E. cortiphagus (Craighead)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
E. rufulus (Haldeman)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
crinicornis (Casey)														
mancus (Casey)														

Genus PARELAPHIDION Skiles
Key to species: Skiles (1985)

P. incertum (Newman)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
brevicorne (Casey)														
neglectum (LeConte)														
obsolescens (Casey)														

Genus ANELAPHUS Linsley
Elaphidionoides Linsley

A. parallelus (Newman)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
arctus (Newman)														
canadensis (Casey)														
defectus (Casey)														
densicollis (Casey)														
medialis (Casey)														
molliculus (Casey)														
oblitus (LeConte)														
pulverulentus (Olivier)														
A. villosus (Fabricius)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
abruptus (Casey)														
breviusculus (Casey)														
lacustris (Casey)														
militaris (Casey)														
pruinosus (Guérin-Méneville)														
putator (Peck)														
scuticularis (Casey)														

Genus ELAPHIDION Audinet-Serville
Cycliopleurus Hope

E. mucronatum (Say)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
muriaticum (Haldeman)														
muricatum Haldeman														
nebulosum Guérin-Méneville														
vestitum Haldeman														

Tribe Ibidiini

Genus HETERACHTHES Newman
Heteracthon J. Thomson
Key to species: Martins (1970)

H. quadrimaculatus Haldeman	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
evanescens (J. Thomson)														
fluviatilis Casey														
pallidus Haldeman														

Tribe Obriini

Genus OBRIUM Dejean
Diozodes Haldeman
Phyton Newman

O. maculatum (Olivier)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
howdeni Knull														
limum (Newman)														
pallidum (Say)														
O. rufulum Gahan	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–

Tribe Hyboderini

Genus HYBODERA LeConte														
H. tuberculata LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Genus LAMPROPTERUS Mulsant														
Callimellum Strand														
Callimus Mulsant														
Pilema LeConte														
L. ruficollis (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
longicollis (Casey)														
opacipennis (Casey)														

Tribe Eumichthini

Genus EUMICHTHUS LeConte														
E. oedipus LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
ater Hardy & Preece														
funebrus (Van Dyke)														
malkini (Fisher)														
ruber Hardy & Preece														
Genus POECILOBRIUM Horn														
P. chalybeum (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
gibsoni Hopping														
minutum Casey														
rugosipenne Linell														

Tribe Molorchini

Genus MOLORCHUS Fabricius														
Glaphyra Newman														
Laphyra Newman														
M. bimaculatus bimaculatus Say	–	–	–	–	AB	SK	MB	ON	PQ	–	–	–	–	–
affinis LeConte														
obscurus (LeConte)														
M. longicollis LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Tribe Stenopterini

Genus CALLIMOXYS Kraatz														
C. sanguinicollis fuscipennis (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. sanguinicollis sanguinicollis (Olivier)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
pinorum Casey														

Tribe Rosaliini

Genus ROSALIA Audinet-Serville														
R. funebris Motschulsky	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
acomana Casey														
mandibularis Casey														

Tribe Callidiini

Genus PRONOCERA Motschulsky														
Gonocallus LeConte														
P. collaris collaris (Kirby)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	–	–	–	NF
lepida (LeConte)														
Genus HYLOTRUPES Audinet-Serville														

H. bajulus (Linné)†	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
bullatus Haldeman														
inaequalis Casey														
incertus Casey														
latus Casey														
minutus Casey														
nematocerus Casey														
pedicellatus Casey														
puncticollis Casey														
Genus SEMANOTUS Mulsant														
Anocomis Casey														
Hemicallidium Casey														
S. amethystinus (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
S. ligneus amplus (Casey)	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
angustus (Casey)														
obliviosus (Casey)														
terracensis (Casey)														
S. ligneus basalis (Casey)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
thujae Van Dyke														
S. ligneus ligneus (Fabricius)	–	–	–	–	–	–	MB	ON	PQ	–	NS	–	–	–
nicolas (A. White)														
russicus (Stephens)														
S. litigiosus (Casey)	–	–	NT	BC	AB	SK	MB	ON	PQ	NB	–	–	–	–
canadensis (Casey)														
terminatus (Casey)														
Genus MERIELLUM Linsley														
Merium LeConte														
M. proteus (Kirby)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
bifossulatum (Casey)														
simile (Kirby)														
Genus CALLIDIUM Mulsant														
Meridion des Gozis														
C. antennatum hesperum Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. cicatricosum Mannerheim	AK	YK	–	BC	AB	–	–	–	–	–	–	–	–	–
subopacum Swaine														
vancouverense Van Dyke														
C. frigidum Casey	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
lacustre Casey														
C. hoppingi Linsley	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. schotti Schaeffer	–	–	–	–	–	–	–	–	–	–	–	–	–	–
C. violaceum (Linné)‡	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	NF
janthinum LeConte														
Genus PHYMATODES Mulsant														
Microcallidium Casey														
Phymatodina Casey														
Poecilium Fairmaire														
P. aeneus LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. aereus (Newman)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
pallipes (Haldeman)														
P. amoenus (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
coccineicollis (Haldeman)														
hudsonicus Casey														
P. ater LeConte	–	–	–	–	–	–	–	–	–	–	NS	–	–	–
P. decussatus decussatus (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
collaris Casey														
harfordi Casey														
latifasciatus Hardy & Preece														
obliquus Casey														
P. dimidiatus (Kirby)	AK	YK	–	BC	AB	SK	MB	ON	PQ	NB	–	–	–	–
kalmii (Schönherr)														
mannerheimii (LeConte)														
palliatus (Haldeman)														
P. fulgidus Hopping	–	–	–	BC	–	–	–	–	PQ	–	–	–	–	–
P. hirtellus densipennis Casey	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
P. lecontei Linsley	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

grandis Casey														
obscurus (LeConte)														
P. maculicollis LeConte	–	YK	–	BC	–	–	–	–	PQ	NB	–	–	–	–
elongatus Hopping														
hardyi (Van Dyke)														
P. nitidus LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
crucialis Casey														
elegans Casey														
exilis Casey														
P. testaceus (Linné)‡	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
variabilis (Linné)														
ventralis Haldeman														
P. varius (Fabricius)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
albofasciatus (Bland)														
diffidens Casey														
latipennis Casey														
semicircularis (Bland)														
subfasciellus (A. White)														
versicolor (Gmelin)														
P. vulneratus (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
concinnus Casey														
nigrescens Hardy & Preece														
Genus PHYSOCNEMUM Haldeman														
Dularius J. Thomson														
P. andreae (Haldeman)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
luscum (J. Thomson)														
P. brevilineum (Say)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
angulatum Casey														
compressipes Casey														
densum Casey														
longitarse Casey														
pictum Casey														
P. violaceipenne Hamilton	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Genus ROPALOPUS Mulsant														
Euryoptera Horn														
R. sanguinicollis (Horn)	–	–	–	–	–	–	MB	ON	PQ	NB	–	–	–	–
Genus ELATOTRYPES Fisher														
E. hoferi Fisher	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
Genus XYLOCRIUS LeConte														
X. agassizi (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Tribe Clytini

Genus MEGACYLLENE Casey														
Cyllene Newman														
M. angulifera (Casey)	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
M. caryae (Gahan)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
M. decora (Olivier)	–	–	–	–	AB	–	MB	–	–	–	–	–	–	–
castelnaui (Aurivillius)														
chara (Say)														
genitiva (Casey)														
horni (Aurivillius)														
infausta (LeConte)														
kansana (Casey)														
mediana (Aurivillius)														
solida (Casey)														
M. robiniae (Forster)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
angulata (Fabricius)														
flexuosa (Fabricius)														
picta (Drury)														
Genus GLYCOBIUS LeConte														
G. speciosus (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
haiji (Gray)														

Genus CALLOIDES LeConte														
C. nobilis nobilis (Harris)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
Genus SAROSESTHES J. Thomson														
S. fulminans (Fabricius)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
Genus XYLOTRECHUS Chevrolat														
X. aceris Fisher	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
X. annosus annosus (Say)	–	–	NT	–	AB	SK	MB	ON	PQ	NB	–	–	–	–
X. annosus emotus W.J. Brown	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
X. colonus (Fabricius)	–	–	–	–	–	–	MB	ON	PQ	NB	–	–	–	–
agrestis (LeConte)														
campestris (Olivier)														
terminans (Fabricius)														
upsilon (Stephens)														
villicus (Olivier)														
X. integer (Haldeman)	–	–	–	–	–	–	–	ON	PQ	NB	NS	PE	–	–
frosti Van Dyke														
X. lengi Schaeffer	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
X. longitarsis Casey	–	–	NT	BC	AB	–	–	–	–	–	–	–	–	–
columbianus Casey														
inflaticollis Casey														
montanicus Casey														
X. mormonus (LeConte)	–	YK	–	BC	AB	SK	MB	–	–	–	–	–	–	–
X. quadrimaculatus (Haldeman)	–	–	–	–	–	–	MB	ON	PQ	NB	NS	–	–	–
X. sagittatus sagittatus (Germar)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
cylindrus Casey														
pubescens (Haldeman)														
salebrosus Casey														
X. schaefferi Schott	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
X. undulatus (Say)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	NS	PE	LB	NF
fuscus (Kirby)														
interruptus (Castelnau & Gory)														
lunulatus (Kirby)														
sayi (Castelnau & Gory)														
undatus (Kirby)														
Genus NEOCLYTUS J. Thomson														
Rhopalopachys Chevrolat														
Rhopalomerus Chevrolat														
N. acuminatus acuminatus (Fabricius)	–	–	–	–	–	–	MB	ON	PQ	NB	–	–	–	–
americanus (Gmelin)														
aspericollis (Germar)														
erythrocephalus (Fabricius)														
N. balteatus LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
N. caprea (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
elevatus (Castelnau & Gory)														
gibbicollis (Castelnau & Gory)														
N. conjunctus (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
occiduus Casey														
tularensis Casey														
N. fulguratus Casey	–	–	–	–	–	–	–	–	–	–	–	–	–	–
confusus Van Dyke														
N. mucronatus mucronatus (Fabricius)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
humeralis (Newman)														
luscus (Fabricius)														
maculosus (Gmelin)														
strictulus Casey														
N. muricatulus muricatulus (Kirby)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF
kirbyi Aurivillius														
leucozonus (Castelnau & Gory)														
longipes (Kirby)														
N. provoanus Casey	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
basalis Van Dyke														
basillaris Van Dyke														
Genus CLYTUS Laicharting														
C. canadensis Hopping	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–

C. marginicollis Castelnau & Gory	–	–	–	–	–	–	–	–	PQ	NB	NS	–	–	–
carolinensis Casey														
vespoides Haldeman														
C. pacificus (Van Dyke)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. planifrons (LeConte)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
C. ruricola (Olivier)	–	–	–	–	AB	SK	MB	ON	PQ	NB	–	–	–	–
catulus (Casey)														
hammatus Say														
Genus CLYTOLEPTUS Casey														
C. albofasciatus (Castelnau & Gory)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
gracilicornis Casey														
tristis Casey														

Tribe Tillomorphini

Genus EUDERCES LeConte														
Apelocera Chevrolat														
Eplophorus Chevrolat														
E. picipes picipes (Fabricius)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Tribe Anaglyptini

Genus TILLOCLYTUS Bates														
T. geminatus (Haldeman)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
duplicatus (LeConte)														
Genus CYRTOPHORUS LeConte														
C. verrucosus (Olivier)	–	–	–	–	AB	SK	MB	ON	PQ	–	NS	–	–	–
Genus MICROCLYTUS LeConte														
M. compressicollis (Castelnau & Gory)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
frosti Casey														
gibbulus (LeConte)														
insinuans (Casey)														
niger (LeConte)														
M. gazellula (Haldeman)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Tribe Purpuricenini

Genus PURPURICENUS Dejean														
P. humeralis (Fabricius)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
Genus KNULLIANA Linsley														
Chion Newman														
K. cincta cincta (Drury)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
balteata (DeGeer)														
filicornis (Casey)														
garganica (Fabricius)														
quadrispinosa (Haldeman)														
ruricola (Gmelin)														
rustica (Fabricius)														
Genus TRAGIDION Audinet-Serville														
Trichoscelis Bates														
T. coquus (Linné)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
apicatum Casey														
filicorne Casey														
fulvipenne (Say)														
levipes Casey														
lynceum (Fabricius)														
melsheimeri (Germar)														
nubiferum Casey														

Genus BATYLE J. Thomson
Batyleoma Casey

B. suturalis suturalis (Say)	–	–	–	–	AB	SK	–	ON	PQ	–	–	–	–	–
fontinalis (Casey)														
miniata (Germar)														
rubra (Newman)														
B. suturalis pearsalli (Bland)	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
B. ignicollis ignicollis (Say)	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
acomana Casey														
punctipennis Casey														
sanguinicollis (Germar)														
seclusa Casey														

Genus CROSSIDIUS LeConte
Oxoplus LeConte

C. carolinus (LeConte)	–	–	–	–	–	SK	–	–	–	–	–	–	–	–
C. discoideus discoideus (Say)	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
pulchrior Bland														
C. discoideus blandi Casey	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
C. pulchellus LeConte	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
debilis Casey														
lanaticollis Casey														
nitidicollis Casey														
palmeri Bates														
retractus Casey														
sinuosus Casey														
vegasensis Casey														
C. punctatus LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
crassipes Casey														
hirsuticollis Casey														
plagiatus Casey														
vinosus Casey														

Genus ELYTROLEPTUS Dugés

E. floridanus (LeConte)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Tribe Holopleurini

Genus HOLOPLEURA LeConte

H. marginata LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
helena LeConte														

Subfamily LEPTURINAE
Tribe Desmocerini

Genus DESMOCERUS Audinet-Serville

D. auripennis auripennis Chevrolat	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
D. auripennis cribripennis Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
D. auripennis piperi Webb	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
D. palliatus (Forster)	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	NF
blandus (Fabricius)														
cyaneus (Fabricius)														
elongatus Bland														

Tribe Necydalini

Genus NECYDALIS Linné

N. cavipennis LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
N. diversicollis diversicollis Schaeffer	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
N. laevicollis LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
seminiger Linsley														
N. mellita (Say)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
americanus Haldeman														

Genus ULOCHAETES LeConte														
U. leoninus LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Tribe Lepturini

Genus CENTRODERA LeConte														
Parapachyta Casey														
C. decolorata (Harris)	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
lacustris Casey														
rubida (Haldeman)														
C. spurca (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
cervina (Walker)														
Genus STENOCORUS Fabricius														
Anisorus Mulsant														
Eutoxotus Casey														
Toxotopsis Casey														
Toxotus Dejean														
S. cylindricollis (Say)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
atratus (Haldeman)														
dentipennis (Haldeman)														
dives (Newman)														
S. flavolineatus (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
S. nubifer (LeConte)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
apiciventris Casey														
hesperus Casey														
lateralis (Casey)														
marginellus Casey														
pacificus Casey														
parviceps Casey														
plagiatus Casey														
rufipennis Casey														
spinosus (Hopping)														
tenellus Casey														
truncatulus Casey														
S. obtusus (LeConte)	–	–	–	BC	AB	SK	–	–	–	–	–	–	–	–
brevicollis Casey														
S. schaumii (LeConte)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
croceus (Leng)														
S. trivittatus (Say)	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
S. vestitus (Haldeman)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
ater (Leng)														
aureatus Casey														
flaccidus Casey														
gilvicornis Casey														
oregonensis Casey														
sericatus Casey														
subpinguis Casey														
virgatus (LeConte)														
S. vittiger (Randall)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
nigripes (Haldeman)														
Genus ENCYCLOPS Newman														
E. caerulea (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
pallipes Newman														
Genus PYROTRICHUS LeConte														
P. vitticollis LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
cribripennis Casey														
Genus PACHYTA Dejean														
Argaleus LeConte														
Linsleyana Podany														
P. armata LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. lamed liturata Kirby	AK	YK	NT	BC	AB	–	MB	ON	PQ	–	–	–	LB	NF
americana Podany														
conflagrata Motschulsky														
nitens (LeConte)														

Genus EVODINUS LeConte

E. monticola monticola (Randall)	–	–	–	–	–	–	MB	ON	PQ	NB	NS	–	LB	NF
carolinensis Casey														
E. monticola vancouveri Casey	AK	–	NT	BC	–	–	–	–	–	–	–	–	–	–

Genus ANTHOPHYLAX LeConte

A. attenuatus (Haldeman)	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
A. cyaneus (Haldeman)	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
malachiticus (Haldeman)														
A. viridis LeConte	–	–	–	–	–	–	–	–	PQ	–	NS	–	–	–
viridipennis Casey														

Genus NEANTHOPHYLAX Linsley & Chemsak

N. mirificus (Bland)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
venustus (Bland)														
N. tenebrosus nigrolineatus (Van Dyke)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus RHAGIUM Fabricius
Allorhagium Kolbe
Hargium Samouelle
Stenocorus Geoffroy

R. inquisitor (Linné)*	–	YK	NT	BC	AB	SK	MB	ON	PQ	NB	–	–	–	NF
americanum Podany														
boreale Casey														
californicum Casey														
canadense Podany														
cariniventre Casey														
crassipes Casey														
investigator Mannerheim														
lineatus (Olivier)														
mexicanum Casey														
montanum Casey														
parvicorne Casey														
quadricostatum Podany														
thoracicum Casey														

Genus SACHALINOBIA Jacobson
Pseudopachyta Swaine & Hopping

S. rugipennis rugipennis (Newman)	–	–	–	–	–	–	MB	ON	PQ	NB	–	–	–	–

Genus GAUROTES LeConte

G. cyanipennis (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
ione (Newman)														
laportei (Guérin-Méneville)														
leonardi (Haldeman)														
servillei (Audinet-Serville)														

Genus ACMAEOPS LeConte

A. proteus proteus (Kirby)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	–	–	LB	NF
aurora Casey														
cavicollis Casey														
coloradensis Casey														
gibbula LeConte														
lacustrina Casey														
obsoleta Casey														
parkeri Casey														
pinicola Schaeffer														
puncticeps Casey														
scutellata Casey														
sublineata (Haldeman)														

Genus LEPTALIA LeConte

L. macilenta (Mannerheim)	AK	–	–	BC	AB	–	–	–	–	–	–	–	–	–
frankenhaeuseri (Mannerheim)														
fuscicollis (LeConte)														

Genus CORTODERA Mulsant														
Acmaeopsilla Casey														
Leptacmaeops Casey														
C. coniferae Hopping & Hopping	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. longicornis (Kirby)	–	–	–	BC	AB	SK	–	–	–	–	–	–	–	–
alticola (Casey)														
bakeri Hopping & Hopping														
dorsalis (LeConte)														
harneyensis Hopping & Hopping														
ligata (LeConte)														
marginalis (LeConte)														
oregonensis Hopping & Hopping														
punctiventris (Casey)														
suturalis (Casey)														
vincta (LeConte)														
C. militaris militaris (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. subpilosa (LeConte)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
intermedia (Casey)														
lupina (LeConte)														
pugetana (Casey)														
quadriceps (Casey)														
Genus PSEUDOGAUROTINA Plavilstshikov														
P. abdominalis (Bland)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
P. cressoni cressoni (Bland)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
Genus BRACHYSOMIDA Casey														
B. atra (LeConte)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
aterrima Casey														
morata Casey														
B. bivittata (Say)	–	–	–	–	AB	SK	MB	ON	PQ	NB	NS	–	–	–
fusciceps (LeConte)														
incerta (Bland)														
nigripennis (LeConte)														
oblonga (Casey)														
varians (LeConte)														
Genus GNATHACMAEOPS Linsley & Chemsak														
G. pratensis (Laicharting)*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	–	–	LB	NF
fulvipennis (Mannerheim)														
longiceps (Kirby)														
semi-marginata (Randall)														
strigilata (Fabricius)														
Genus METACMAEOPS Linsley & Chemsak														
M. vittata (Swederus)	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
directa (Newman)														
pallida (Haldeman)														
quadrivittata (Schönherr)														
Genus STRANGALIA Audinet-Serville														
Ophistomis J. Thomson														
Strangalina Aurivillius														
S. acuminata (Olivier)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
emaciata Newman														
unicolor Haldeman														
S. bicolor (Swederus)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
simulans (Casey)														
S. famelica solitaria Haldeman	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
S. luteicornis (Fabricius)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
carolinae (Casey)														
eversa (Casey)														
Genus BELLAMIRA LeConte														
B. scalaris (Say)	–	–	–	–	–	SK	MB	ON	PQ	NB	NS	–	–	–
coarctata (Haldeman)														

Genus ANALEPTURA Linsley & Chemsak														
A. lineola (Say)	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
cincta (Haldeman)														
indirecta (Newman)														
lateralis (Haldeman)														
obsoleta (Haldeman)														
Genus CHARISALIA Casey														
C. americana (Haldeman)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
Genus GRAMMOPTERA Audinet-Serville														
Parallelina Casey														
G. exigua (Newman)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
saucia (LeConte)														
G. haematites (Newman)	–	–	–	–	–	SK	MB	ON	PQ	NB	–	–	–	–
nana (Newman)														
ruficeps (LeConte)														
G. molybdica (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
G. subargentata (Kirby)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	–	–	–	–
filicornis (Casey)														
quebecensis (Couper)														
rufibasis (LeConte)														
similis (Kirby)														
Genus JUDOLIA Mulsant														
J. gaurotoides gaurotoides (Casey)	–	–	–	–	AB	SK	–	–	–	–	–	–	–	–
knulli (Swaine & Hopping)														
vivaria Casey														
J. instabilis (Haldeman)	–	YK	–	BC	AB	SK	MB	–	–	–	–	–	–	–
convexa (LeConte)														
flaviventris (Schaeffer)														
pacifica Casey														
trajecta Casey														
J. montivagans montivagans (Couper)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	LB	–
seminigra Casey														
J. quadrata (LeConte)	–	YK	NT	BC	–	SK	MB	ON	PQ	–	–	–	–	–
Genus PYGOLEPTURA Linsley & Chemsak														
P. carbonata (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. nigrella nigrella (Say)	AK	–	NT	BC	AB	SK	MB	ON	PQ	NB	–	–	LB	NF
lacustris (Casey)														
nigrita (Hatch)														
praestans (Casey)														
serricornis (Casey)														
Genus DORCASINA Casey														
D. matthewsi (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
macrocera (Casey)														
Genus IDIOPIDONIA Swaine & Hopping														
I. pedalis (LeConte)	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
Genus TYPOCERUS LeConte														
T. acuticauda acuticauda Casey	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
thoracicus Casey														
T. balteatus Horn	–	–	NT	–	AB	–	–	–	–	–	–	–	–	–
T. confluens Casey	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
caligans Casey														
T. lugubris (Say)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
T. octonotatus (Haldeman)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
arapahoe Casey														
sinuatus LeConte														
T. sparsus LeConte	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
T. velutinus velutinus (Olivier)	–	–	–	–	–	–	MB	ON	PQ	NB	NS	–	–	–
fugax (Fabricius)														
manitobensis Swaine & Hopping														
tenuior (Kirby)														

T. zebra (Olivier)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
auriger (Newman)														
carolina (Weber)														
zebratus (Fabricius)														
Genus NEOALOSTERNA Podany														
N. capitata (Newman)	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
N. rubida (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
keeni (Casey)														
Genus PSEUDOSTRANGALIA Swaine & Hopping														
P. cruentata (Haldeman)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
maneii (Casey)														
Genus LEPTURA Linné														
(Subgenus LEPTURA s. str.)														
L. obliterata obliterata (Haldeman)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
idahoensis (Casey)														
perductor (Walker)														
vitiosa (LeConte)														
L. plagifera LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
L. plebeja Randall	–	–	–	–	–	–	MB	ON	PQ	NB	–	–	–	–
L. propinqua Bland	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
minuscula (Casey)														
regularis (Casey)														
L. subhamata Randall	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
armata (Haldeman)														
elegans (Haldeman)														
interrupta Newman														
(Subgenus STENURA Dejean)														
(*Megaleptura* Casey)														
L. emarginata Fabricius	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
Genus STENOSTROPHIA Casey														
S. amabilis (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
S. tribalteata serpentina (Casey)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Genus TRACHYSIDA Casey														
T. aspera aspera (LeConte)	AK	YK	NT	BC	AB	–	–	–	–	–	–	–	–	–
parkeri (Hippisly)														
T. aspera brevifrons (H. Howden)	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
T. mutabilis (Newman)	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
laetifia (Provancher)														
luridipennis (Haldeman)														
provancheri (Aurivillius)														
quadricollis (LeConte)														
Genus PIDONIA Mulsant														
(Subgenus PIDONIA s. str.)														
(*Hapalosalia* Casey)														
P. ruficollis (Say)	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
allecta (Newman)														
fragilis (Casey)														
laeviceps (Casey)														
lineicornis (Casey)														
nitidicollis (Horn)														
paupercula (Newman)														
sphaericollis (Say)														
straussi (Webb)														
vibex (Newman)														
P. scripta (LeConte)	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
(Subgenus THESALIA Casey)														
P. gnathoides (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
lisa (Leng)														
rubriceps (Casey)														

(Subgenus CERATOPIDONIA Linsley & Chemsak)														
P. quadrata Hopping	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Genus ORTHOLEPTURA Casey														
O. valida (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
oculea Casey														
Genus STRANGALEPTA Casey														
S. abbreviata (Germar)	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
gulosa (Kirby)														
nitidipennis (Provancher)														
saratogensis (Rau)														
semivittata (Kirby)														
S. pubera (Say)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
Genus STICTOLEPTURA Casey														
S. canadensis canadensis (Olivier)	–	–	–	–	–	–	MB	ON	PQ	NB	NS	PE	–	NF
cinnamoptera (Haldeman)														
erythroptera (Kirby)														
tenuicornis (Haldeman)														
S. canadensis cribripennis (LeConte)	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–
coccinea (LeConte)														
divisa (Casey)														
ebena (Leng)														
Genus ANASTRANGALIA Casey														
A. laetifica (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
lugens (LeConte)														
A. sanguinea (LeConte)	AK	YK	–	BC	AB	SK	MB	ON	PQ	NB	–	–	–	–
apicata (Casey)														
boulderensis (Casey)														
Genus XESTOLEPTURA Casey														
X. behrensi (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
X. crassipes (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
fasciventris (LeConte)														
muliebris Casey														
shastana Casey														
vancouveri Casey														
xanthogaster (LeConte)														
X. octonotata (Say)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
quadripunctata (Haldeman)														
stictica (Newman)														
X. tibialis (LeConte)	–	YK	–	BC	AB	–	–	ON	PQ	–	NS	–	LB	NF
columbica Casey														
hirtella (LeConte)														
miquelonensis (Pic)														
pictipennis Casey														
Genus LEPTUROPSIS Linsley & Chemsak														
L. biforis (Newman)	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
laurentica (Casey)														
L. dolorosa (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Genus TRIGONARTHRIS Haldeman														
Cercolia Casey														
T. minnesotana (Casey)	–	–	–	–	–	–	MB	ON	PQ	NB	NS	–	–	–
T. proxima (Say)	–	–	–	–	–	–	MB	ON	PQ	–	NS	–	–	–
kempiana (Casey)														
subpubescens (Kirby)														
Genus ACMAEOPSOIDES Linsley & Chemsak														
A. rufulus (Haldeman)	–	–	–	BC	AB	SK	MB	ON	PQ	–	NS	–	–	–
Genus BRACHYLEPTURA Casey														
B. champlaini Casey	–	–	–	–	–	–	–	ON	PQ	–	NS	PE	–	–

B. dehiscens (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
B. rubrica (Say) *erythroptera* (Germar)	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
B. vexatrix (Mannerheim) *convolvens* (Casey) *quadrillum* (LeConte)	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
Genus STROPHIONA Casey														
S. laeta (LeConte) *ostenta* Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
S. nitens (Forster) *bellina* Casey *quagga* (Germar) *zebra* (Olivier)	–	–	–	–	–	–	MB	ON	PQ	–	NS	–	–	–
Genus COSMOSALIA Casey														
C. chrysocoma (Kirby) *aureola* (Casey) *auripilis* (LeConte) *densepilosa* Casey	–	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	NF

Subfamily LAMIINAE
Tribe Parmenini

Genus PLECTRURA Mannerheim														
P. spinicauda Mannerheim *producta* LeConte	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–

Tribe Moneilemini

Genus MONEILEMA Say *Collapteryx* Newman *Monoplesa* Motschulsky *Omoscylon* J. Thomson														
M. annulatum Say *angulatum* Psota *demissum* Casey *hybridum* Psota *montanum* Psota *nubeculum* Casey *puncticolle* Psota	–	–	–	–	AB	SK	–	–	–	–	–	–	–	–

Tribe Monochamini

Genus HEBESTOLA Haldeman *Cacoplia* LeConte														
H. nebulosa Haldeman *albata* (Knull) *pullata* (Haldeman) *pruinosa* (LeConte)	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
Genus MONOCHAMUS Dejean														
M. carolinensis (Olivier) *dentator* (Fabricius) *minor* (LeConte)	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
M. clamator latus Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
M. marmorator Kirby *acutus* (Lacordaire) *fautor* (LeConte)	–	–	–	–	–	–	MB	ON	PQ	NB	NS	–	–	–
M. mutator LeConte	–	–	NT	–	–	SK	MB	ON	PQ	NB	–	–	–	–
M. notatus (Drury) *confusor* Kirby *morgani* Hopping	–	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	–
M. obtusus obtusus Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF
M. scutellatus scutellatus (Say)														
resutor Kirby														
M. scutellatus oregonensis (LeConte)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
monticola Casey														
M. titillator (Fabricius)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
angusticollis Casey														
obesus Casey														
Genus MICROGOES Casey														
M. oculatus (LeConte)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
tenuicornis Casey														
Genus GOES LeConte														
G. debilis LeConte	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
G. pulcher (Haldeman)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
fuscatus Knull														
G. pulverulentus (Haldeman)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
laurenticus Casey														

Tribe Mesosini

Genus SYNAPHAETA J. Thomson														
S. guexi (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
annulata Casey														
brevicollis Casey														
humeralis Casey														

Tribe Dorcaschematini

Genus DORCASCHEMA Haldeman														
Hetoemis Haldeman														
D. nigrum (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Tribe Apodasyini

Genus EUPOGONIUS LeConte														
Eriopsilus Bates														
Phidola J. Thomson														
E. pauper LeConte	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
fraxini Knull														
vestitus (Say)														
E. subarmatus (LeConte)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
E. tomentosus (Haldeman)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
pinivora Fitch														
Genus PSENOCERUS LeConte														
Paralarica Breuning														
P. supernotatus (Say)	–	–	–	–	–	–	MB	ON	PQ	NB	–	–	–	–
funebris Casey														
pictus (Breuning)														
pini LeConte														
tristis Casey														

Tribe Pogonocherini

Genus POLIAENUS Bates														
P. oregonus (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Genus ECYRUS LeConte														
Oebaceres J. Thomson														
E. dasycerus dasycerus (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
exiguus (Haldeman)														
obscurus (Haldeman)														

Genus LOPHOPOGONIUS Linsley														
L. crinitus (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Genus POGONOCHERUS Dejean														
(Subgenus POGONOCHERUS s. str.)														
P. penicillatus LeConte *alaskanus* Schaeffer *carinatus* Casey	AK	–	NT	BC	AB	–	MB	ON	PQ	NB	NS	PE	–	NF
(Subgenus EUPOGONOCHERUS Linsley)														
P. mixtus Haldeman *simplex* LeConte	–	YK	NT	BC	AB	–	MB	ON	PQ	NB	–	–	–	–
P. parvulus LeConte *salicola* Casey	–	–	–	–	AB	SK	MB	ON	PQ	–	–	–	–	–
P. pictus Fall *emarginatus* Casey *fastigiatus* Casey	–	–	NT	BC	AB	–	–	–	–	–	–	–	–	–
P. propinquus Fall	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Tribe Onciderini

Genus ONCIDERES Lepeletier & Audinet-Serville														
O. cingulatus cingulatus (Say) *pallescens* Casey *praecidens* Casey	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Tribe Hippopsini

Genus HIPPOPSIS Lepeletier & Audinet-Serville														
H. lemniscata (Fabricius) *lineata* Guérin-Méneville *lineolata* Audinet-Serville *meinerti* Aurivillius	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Tribe Acanthoderini

Genus AEGOMORPHUS Haldeman *Aethiopoctines* J. Thomson														
A. modestus (Gyllenhal) *decipiens* Haldeman	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
A. morrisi (Uhler) *leucogenus* (J. Thomson)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
A. quadrigibbus (Say) *lucidus* (Knull)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
Genus OPLOSIA Mulsant														
O. nubila (LeConte)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Tribe Acanthocinini

Key to North American species: Dillon (1956)

Genus CANONURA Casey														
C. princeps (Walker) *vincta* (Casey)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Genus NEACANTHOCINUS Dillon														
N. obliquus obliquus (LeConte) *acomanus* (Casey) *angulosus* (Casey) *sedulus* (Casey)	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
N. obliquus pacificus (Casey)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
N. obsoletus (Olivier) *floridanus* (Casey)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
N. pusillus (Kirby)	AK	–	–	–	AB	SK	MB	ON	PQ	NB	NS	–	–	–

Genus CERATOGRAPHIS Gahan

C. biguttata (LeConte)	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–

Genus GRAPHISURUS Kirby
Urographis Horn

G. despectus (LeConte)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
hebes (Casey)														
G. fasciatus (DeGeer)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
mixtus (Fabricius)														
pennsylvanicus (Gmelin)														
reductus (Casey)														

Genus AMNISCUS Haldeman
Astylopsis Casey

A. collaris Haldeman	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
interruptus Haldeman														
A. macula (Say)	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
sticticus Haldeman														
A. sexguttatus (Say)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
commixtus Haldeman														
guttatus (Say)														

Genus LEPTOSTYLUS LeConte

L. transversus transversus (Gyllenhal)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
aculiferus (Say)														
marginellus (Haldeman)														
tuberculatus (Frölich)														

Genus STERNIDIUS LeConte
Key to North American species: Lewis (1986)

S. alpha (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
cinereus (LeConte)														
coloradensis Dillon														
divergens (Haldeman)														
lateralis (Haldeman)														
nelsonicus (Casey)														
suturalis Dillon														
vicinus (Haldeman)														
S. fascicularis (Harris)	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
dentatus (Casey)														
nigricans Dillon														
obscurellus (Casey)														
pleuralis (Casey)														
scapalis (Casey)														
testaceus (Casey)														
timidus (Casey)														
xanthoxyli (Shimer)														
S. misellus (LeConte)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
S. rusticus (LeConte)	–	–	–	–	–	–	MB	–	–	–	–	–	–	–

Genus ASTYLEIOPUS Dillon

A. variegatus (Haldeman)	–	–	–	–	AB	SK	MB	ON	PQ	NB	–	–	–	–
obscurus (Haldeman)														
trifasciatus (Haldeman)														

Genus DECTES LeConte

D. sayi Dillon & Dillon	–	–	–	–	AB	–	MB	ON	–	–	–	–	–	–
spinosus (Say)														

Genus LEPTURGES Bates

(Subgenus LEPTURGES s. str.)

L. confluens (Haldeman)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
L. symmetricus (Haldeman)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Genus URGLEPTES Dillon														
U. facetus (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
U. querci (Fitch)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
tristis (Casey)														
U. signatus (LeConte)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
tenebrosus (Casey)														
Genus HYPERPLATYS Haldeman														
H. aspersa (Say)	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
vigilans Casey														
H. maculata Haldeman	–	–	–	–	–	–	MB	ON	PQ	NB	NS	–	–	–
amnicola Casey														
binocularis Casey														
cryptica Casey														
delicata Casey														
frigida Casey														
lentiginosa Casey														
nigrella Haldeman														
robustula Casey														
variolata Casey														
H. montana Casey	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–

Tribe Cyrtinini

Genus CYRTINUS LeConte														
Myrmolamia Bates														
C. pygmaeus (Haldeman)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Tribe Saperdini

Genus SAPERDA Fabricius														
Eutetrapha Bates														
Key to species: Abdullah and Abdullah (1966)														
S. calcarata Say	–	–	–	BC	AB	SK	MB	ON	PQ	–	–	PE	–	–
adspersa LeConte														
S. candida bipunctata Hopping	–	–	–	–	–	SK	MB	ON	–	–	–	–	–	–
S. candida candida Fabricius	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
bivittata Say														
S. concolor unicolor Felt & Joutel	–	–	–	–	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
mecasoides Casey														
S. cretata Newman	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
S. discoidea Fabricius	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
dorsalis Haldeman														
fuscipes Say														
S. fayi Bland	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
S. horni Joutel	–	–	–	BC	AB	–	MB	–	–	–	–	–	–	–
S. imitans Felt & Joutel	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
S. lateralis Fabricius	–	–	–	–	–	–	MB	ON	PQ	NB	NS	–	–	–
abbreviata Fitch														
connecta Felt & Joutel														
disconotata Pic														
suturalis Fitch														
transeuns Breuning														
S. mutica Say	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
S. obliqua Say	–	–	–	–	–	–	MB	ON	PQ	NB	NS	PE	–	–
S. populnea moesta LeConte	–	YK	NT	BC	AB	SK	MB	ON	PQ	–	–	–	LB	–
S. populnea populnea Linné	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
S. puncticollis Say	–	–	–	BC	–	–	–	ON	PQ	–	–	–	–	–
trigeminata Randall														
S. tridentata Olivier	–	–	–	–	–	SK	MB	ON	PQ	–	–	–	–	–
dubiosa Haldeman														
intermedia Fitch														
rubronotata Fitch														
trifasciata Casey														
S. vestita Say	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
atkinsoni Curtis														

Tribe Phytoecini

Genus OBEREA Mulsant
Amaurostoma J. Müller
Isosceles Newman
Key to species: Breuning (1960)

O. appalachiana Casey	–	–	–	–	–	–	–	ON	–	NB	–	–	–	–
O. bimaculata (Olivier)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
affinis Harris														
basalis LeConte														
basicollis Breuning														
bicallosicollis Breuning														
bipunctata (Creutzer)														
brooksi Wallis														
delicatula Casey														
dolosa Casey														
filum Casey														
flavocephala Blatchley														
insignior Breuning														
insignis Casey														
iowensis Casey														
montana Casey														
perspicillata Haldeman														
tripunctata (Fabricius)														
ulmicola Chittenden														
umbra Casey														
O. canadensis Fisher	–	–	–	–	–	SK	MB	ON	PQ	–	–	–	–	–
O. cylindricollis Casey	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
O. deficiens Casey	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
O. delongi Knull	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
anteruficollis Breuning														
O. exilis Casey	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
O. ocellata Haldeman	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
plagiata Casey														
O. oculaticollis (Say)	–	–	–	–	–	–	MB	ON	–	–	–	–	–	–
O. pallida Casey	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
O. praelonga Casey	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
O. pruinosa Casey	–	–	–	–	AB	–	–	ON	–	–	–	–	–	–
O. quadricallosa LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
O. schaumii LeConte	–	–	–	BC	AB	SK	MB	ON	PQ	NB	–	–	–	–
caseyi Plavilstshikov														
ferruginea Casey														
infrarufa Breuning														
subcylindricollis Breuning														
vittipennis Breuning														
wapleri Chevrolat														
O. tripunctata (Swederus)	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
amabilis Haldeman														
intermedia Casey														
mandarina (Fabricius)														
myops Haldeman														
subdeficiens Breuning														
subexilis Breuning														
submandarina Breuning														
texana Horn														

Genus MECAS LeConte

(Subgenus MECAS s. str.)

M. bicallosa Martin	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Tribe Tetraopini

Genus TETRAOPES Schönherr
Key to species: Chemsak (1963)

T. annulatus LeConte	–	–	–	–	AB	–	MB	–	–	–	–	–	–	–
canescens LeConte														
fontinalis Casey														
uteanus Casey														
vestitus Casey														

T. femoratus LeConte	–	–	–	BC	AB	SK	MB	ON	–	–	–	–	–	–
amnicola Casey														
atrisetosus Casey														
brevisetosus Casey														
caseyi Aurivillius														
collaris Horn														
fortis Casey														
monticola Casey														
nigripes Casey														
oregonensis LeConte														
punctipennis Casey														
robustus Casey														
ruber Casey														
spissicornis Casey														
vegasensis Casey														
velutinus Casey														
T. quinquemaculatus Haldeman	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
T. tetrophthalmus (Forster)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
humeralis Casey														
iowensis Casey														
tornator (Fabricius)														
tredecimpunctatus (Drapiez)														

Family BRUCHIDAE seed beetles

J. McNamara

The bruchids comprise 19 species in Canada and Alaska. Their habits vary considerably, but they depend almost entirely on seeds for their development. The larvae live in seeds of legumes, notably peas and beans, and are often pests of stored leguminous seeds. The adults are commonly found in flowers and on foliage. The pea weevil (*Bruchus pisorum*) and the bean weevil (*Acanthoscelides obtectus*) are major pests of peas and beans and have spread around the world.

Borowiec (1987) published a key to the genera of the world, and Udayagiri and Raj Wadhi (1989) published a catalog of the world species.

AK (1); YK (1); NT (2); BC (10); AB (8); SK (7); MB (9); ON (11); PQ (5); NB (2); NS (2); PE (1); NF (1) • I (6)

Subfamily AMBLYCERINAE

Genus AMBLYCERUS Thunberg

A. robiniae (Fabricius)	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
gleditsiae (Castiglioni)														

Subfamily KYTORHININAE

Genus KYTORHINUS Fischer von Waldheim

K. prolixus (Fall)	AK	YK	NT	BC	AB	SK	MB	–	–	–	–	–	–	–

Subfamily BRUCHINAE

Genus MEGACERUS Fahraeus
Pachybruchus Pic

(Subgenus MEGACERUS s. str.)

M. discoidus (Say)	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	–

Genus CALLOSOBRUCHUS Pic

C. maculatus (Fabricius)	–	–	–	–	–	SK	–	ON	–	–	–	–	–	–
ambiguus (Gyllenhal)														
quadrimaculatus (Fabricius)														
sinuatus (Fahraeus)														

Genus GIBBOBRUCHUS Pic
Key to North American species: Whitehead and Kingsolver (1975)

G. mimus (Say)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
borealis (Schönherr)														
crataegi (Fahraeus)														

Genus MEIBOMEUS Bridwell
Key to North American species: Kingsolver and Whitehead (1976)

M. musculus (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
alboguttis (Motschulsky)														
erythrocerus (Riley)														

Genus ACANTHOSCELIDES Schilsky

A. aureolus (Horn)	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–
A. calvus (Horn)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
A. fraterculus (Horn)	–	–	NT	BC	AB	SK	MB	ON	–	–	–	–	–	–
A. obtectus (Say)†	–	–	–	BC	–	–	MB	ON	PQ	–	–	–	–	–
fabae (Riley)														
varicornis (Motschulsky)														
A. pauperculus (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
pulicarius (Motschulsky)														
rufus (Motschulsky)														
simplex (Motschulsky)														
A. perforatus (Horn)	–	–	–	–	AB	–	MB	–	–	–	–	–	–	–
A. pullus (Fall)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. seminulum (Horn)	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–

Genus BRUCHUS Linné

B. brachialis Fahraeus†	–	–	–	BC	–	–	–	ON	–	–	–	–	–	–
B. pisorum (Linné)†	–	–	–	BC	AB	–	MB	ON	PQ	NB	NS	PE	–	NF
pisi Linné														
B. rufimanus (Boheman)†	–	–	–	–	–	SK	MB	ON	PQ	–	–	–	–	–

Genus BRUCHIDIUS Schilsky
Key to North American species: Bottimer (1968)

B. cisti (Fabricius)†	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
unicolor (Olivier)														
B. villosus (Fabricius)†	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
ater (Marsham)														

Family CHRYSOMELIDAE leaf beetles

L. LeSage

The family Chrysomelidae is one of the largest group of beetles in the world, with over 50 000 known species and many additional thousands to be discovered, especially from Asia and the Neotropical region; 569 species and subspecies are listed here for Canada and Alaska. All known adults are phytophagous. Primitive plants and ferns are used infrequently, and conifers are barely touched; deciduous trees, bushes, and weeds are preferred host-plants. Some species are pollen eaters when in the adult stage. Larvae show a broader ecological diversity: Donaciinae are aquatic; Clytrinae live in ant nests, where they feed on plant detritus and on ant larvae or pupae; most Cryptocephalinae feed on decaying matter in leaf litter; Criocerinae, Chlamisinae, Chrysomelinae, and Cassidinae and some Galerucinae and Alticinae feed on leaves; those in remaining subfamilies are either root feeders, root miners, stem miners, or leaf miners.

Chrysomelidae is usually classified into 19 subfamilies (Seeno and Wilcox 1982) of which 14 occur in Canada. The fauna of the leaf beetles is relatively well known in eastern Canada (except for some alticine, galerucine, and cryptocephaline genera) but is poorly known in western Canada. The present list follows essentially the arrangement proposed by Seeno and Wilcox (1982), except where the generic concepts have been recently modified.

AK (42); YK (41); NT (72); BC (181); AB (217); SK (174); MB (254); ON (363); PQ (274); NB (116); NS (103); PE (19); LB (14); NF (34) • H (9); I (38)

Subfamily DONACIINAE

Key to New World genera: Askevold (1990)

Tribe Plateumarini

Genus PLATEUMARIS C.G. Thomson

P. aurifera (LeConte)	AK	YK	NT	–	AB	–	MB	–	PQ	–	–	–	–	NF
P. balli Askevold	–	–	–	–	–	–	–	–	PQ	NB	–	–	–	–
P. chalcea (Lacordaire)	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	–
lodingi (Schaeffer)														
shoemakeri (Schaeffer)														
P. diversa (Schaeffer)	–	–	–	–	–	–	MB	ON	–	–	–	–	–	–
P. dubia (Schaeffer)	AK	–	–	BC	AB	–	–	–	–	–	–	–	–	–
idola (Hatch)														
P. flavipes (Kirby)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	–	–	LB	NF
wallisi (Schaeffer)														
P. frosti (Schaeffer)	–	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	–
P. fulvipes (Lacordaire)	AK	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
P. germari (Mannerheim)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	LB	NF
dives (LeConte)														
flavipennis (Mannerheim)														
serricauda (Schaeffer)														
P. metallica (Ahrens)	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
cataractae (Newman)														
femoralis (Kirby)														
gentilis (Leconte)														
indica (Melsheimer)														
nana (Melsheimer)														
parva (Lacordaire)														
P. nitida (Germar)	–	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF
emarginata (Kirby)														
juncina (Couper)														
pacifica (Schaeffer)														
P. neomexicana (Schaeffer)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
longicollis (Schaeffer)														
vermiculata (Schaeffer)														
P. pusilla (Say)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	LB	NF
pyritosa (LeConte)														
rugifrons (Newman)														
P. robusta (Schaeffer)	–	–	NT	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
P. rufa (Say)	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
affinis (Kirby)														
jucunda (LeConte)														
kirbyi (Lacordaire)														
sulcicollis (Lacordaire)														

Tribe Donaciini

Genus DONACIELLA Reitter

D. pubicollis (Suffrian)	–	–	–	–	AB	SK	MB	ON	–	–	–	–	–	–

Genus DONACIA Fabricius

(Subgenus DONACIA s. str.)
Key to North American species: Marx (1957)

D. cincticornis Newman	–	–	–	–	–	–	MB	ON	PQ	–	NS	–	–	–
antillarum Suffrian														
lucida Lacordaire														
pulchella LeConte														
rufipennis Lacordaire														
tenuis Schaeffer														
tryphera Schaeffer														
D. palmata Olivier	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
angustipes Marx														
claudicans Germar														
D. parvidens Schaeffer	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
D. piscatrix Lacordaire	–	–	–	–	–	–	MB	ON	PQ	NB	–	–	–	–
alutacea LeConte														
carolina Lacordaire														
congener LeConte														
cuprea Kirby														

D. proxima Kirby	–	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
californica LeConte														
episcopalis Lacordaire														
D. rufescens Lacordaire	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
D. texana Crotch	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
minor Schaeffer														

(Subgenus DONACIOMIMA Medvedev)

D. biimpressa Melsheimer	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
aurichalcea Melsheimer														
torosa LeConte														
D. caerulea Olivier	–	–	–	–	–	–	MB	ON	PQ	NB	–	–	–	–
aequalis Say														
confusa Lacordaire														
confusa LeConte														
D. canadensis Askevold	–	–	–	–	AB	SK	MB	ON	PQ	–	–	–	–	–
D. cazieri Marx	–	–	NT	BC	AB	–	–	ON	PQ	–	–	–	LB	–
D. confluenta Say	–	–	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
D. cuprea Kirby	–	–	–	–	–	SK	–	ON	PQ	–	–	–	–	–
curticollis Knab														
D. distincta LeConte	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	–	–	LB	NF
occidentalis Mead														
D. fulgens LeConte	–	–	–	–	–	SK	MB	ON	PQ	NB	NS	PE	–	–
D. hirticollis Kirby	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	LB	NF
rudicollis Lacordaire														
D. limonia Schaeffer	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
D. magnifica LeConte	–	–	–	BC	AB	SK	MB	ON	PQ	NB	–	–	–	–
D. megacornis Blatchley	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
megalocera Weise														
D. porosicollis Lacordaire	–	–	NT	BC	AB	SK	MB	ON	–	–	–	–	–	–
D. pubescens LeConte		–	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
D. rugosa LeConte	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
D. subtilis Kunze	–	–	–	BC	AB	SK	MB	ON	PQ	–	NS	–	–	–
aenea Ahrens														
aerea Lacordaire														
magistrigata Mead														
quadricollis Say														
D. tuberculifrons Schaeffer	–	–	–	BC	–	–	MB	ON	PQ	NB	–	–	–	–

Tribe Haemoniini

Genus NEOHAEMONIA Székessy
Key to North American species: Askevold (1988)

N. flagellata Askevold	–	–	–	–	AB	SK	MB	ON	–	–	–	–	–	–
N. melsheimeri (Lacordaire)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
N. minnesotensis Askevold	–	–	–	–	–	–	MB	ON	–	–	–	–	–	–
N. nigricornis (Kirby)	–	–	–	BC	–	–	MB	ON	PQ	–	–	–	–	–
americana (Guérin-Méneville)														

Subfamily ORSODACNINAE

Genus ORSODACNE Latreille
Orsodacna Dejean

O. atra (Ahrens)	–	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	–
armeniacae Germar														
childreni Kirby														
hepatica Say														
inconstans Newman														
luctuosa Lacordaire														
ruficollis Newman														
tibialis Kirby														
tricolor Melsheimer														
trivittata Lacordaire														
vittata Say														

Subfamily ZEUGOPHORINAE

Genus ZEUGOPHORA Kunze

(Subgenus ZEUGOPHORA s. str.)
(*Auchenia* Thunberg)
(*Taraxis* LeConte)

Z. abnormis (LeConte) *kirbyi* Baly *reineckei* Grote	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
Z. atra Fall	–	YK	NT	BC	AB	SK	MB	–	PQ	–	–	–	–	–
Z. consanguinea Crotch	–	–	–	BC	AB	SK	–	–	–	–	–	–	–	–
Z. multnomah Hatch	–	YK	–	BC	–	–	–	ON	–	–	–	–	–	–
Z. puberula Crotch	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
Z. scutellaris Suffrian†	–		NT	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
Z. varians Crotch	–	–	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	–

Subfamily CRIOCERINAE
Tribe Criocerini

Genus LILIOCERIS Reitter

(Subgenus LILIOCERIS s. str.)

L. lilii (Scopoli)† *liliorum* (C.G. Thomson) *melanocephala* (Say) *merdigera* (Fabricius)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Genus CRIOCERIS O.F. Müller
Pleurophora Chevrolat

C. asparagi (Linné)†	–	–	–	BC	AB	SK	MB	ON	PQ	NB	–	–	–	–
C. duodecimpunctata (Linné)†	–	–	–	BC	AB	SK	MB	ON	PQ	NB	–	–	–	–

Tribe Lemiini

Genus LEMA Fabricius

(Subgenus LEMA s. str.)

L. cyanella Linné†	–	–	–	–	–	?	–	–	–	–	–	–	–	–
L. gaspensis W.J. Brown	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
L. palustris Blatchley	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
L. trilinea trilinea R.E. White *bilineata* Omer-Couper & Miles *medionata* Schaeffer *medionota* Schaeffer *trilineata* auct.	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
L. trivittata trivittata Say *immaculicollis* Chevrolat *lecontei* Clark *nigrovittata* Schaeffer *trivirgata* LeConte	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Genus OULEMA des Gozis

(Subgenus OULEMA s. str.)

O. melanopus (Linné)†	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Subfamily CLYTRINAE

Key to New World genera: Moldenke (1981)
Key to North American species: Moldenke (1970)

Tribe Clytrini

Genus ANOMOEA Lacordaire
Anomoia Dejean
Euthyna Gistel

A. laticlavia laticlavia (Forster) *ephippium* (Germar) *floridana* Schaeffer	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–

kansana Schaeffer
nigripes (Fabricius)
obsita (Fabricius)
ruficauda (Foersberg)

Tribe Megalostomini

Genus COLEOTHORPA Moldenke

C. dominicana dominicana (Fabricius)	–	–	NT	–	AB	–	MB	ON	–	–	–	–	–	–
C. vittigera vittigera (LeConte)	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–

Tribe Babiini

Genus BABIA Chevrolat
Harpasta Gistel

(Subgenus BABIA s. str.)

B. quadriguttata quadriguttata (Olivier)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
biguttata Crotch														
quadriforis (Newman)														

Genus SAXINIS Lacordaire

(Subgenus BOREOSAXINIS Moldenke)

S. omogera omogera Lacordaire	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
S. saucia saucia LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Subfamily CRYPTOCEPHALINAE
Tribe Pachybrachini

Genus PACHYBRACHIS Chevrolat

(Subgenus PACHYBRACHIS s. str.)
(*Pachystylus* Rey)

P. abdominalis (Say)	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
P. alticola Fall	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
P. atomarius (Melsheimer)	–	–	–	–	AB	–	MB	ON	–	–	–	–	–	–
atomus Bowditch														
infaustus Haldeman														
P. autolycus Fall	–	–	–	BC	AB	SK	–	–	PQ	–	–	–	–	–
P. bivittatus (Say)	–	–	–	BC	AB	SK	–	ON	PQ	–	–	–	–	–
albescens Suffrian														
viduatus Suffrian														
P. calcaratus Fall	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
P. coloradensis Bowditch	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
sevier Bowditch														
P. discoideus Bowditch	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
P. donneri Crotch	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
P. hepaticus (Melsheimer)	–	–	–	–	AB	SK	MB	ON	PQ	–	–	–	–	–
punctatus Haldeman														
P. luridus (Fabricius)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
aesculi (Melsheimer)														
femoratus (Say)														
festivus Fall														
moerens Stål														
nigrinus Blatchley														
P. melanostictus Suffrian	–	YK	NT	BC	AB	SK	MB	–	–	–	–	–	–	–
P. minor Bowditch	–	–	–	BC	–	–	MB	–	–	–	–	–	–	–
P. mnigrum (Melsheimer)	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
intricatus Suffrian														
P. nigricornis carbonarius (Haldeman)	–	–	–	–	AB	–	MB	ON	–	–	–	–	–	–
P. nigricornis difficilis Fall	–	–	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
wahsatchensis Fall														
P. nigricornis nigricornis (Say)	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
janus Fall														

P. obsoletus Suffrian	–	–	–	BC	AB	–	MB	ON	PQ	–	–	–	–	–
P. othonous othonous (Say)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
***marginaticollis* Randall**														
P. othonous pallidipennis Suffrian	–	–	–	–	–	SK	–	–	–	–	–	–	–	–
***striatus* LeConte**														
P. othonous sioux Balsbaugh	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
P. peccans Suffrian	–	–	–	–	AB	–	MB	ON	PQ	NB	NS	–	–	–
P. pectoralis (Melsheimer)	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
***oculatus* Suffrian**														
***sobrinus* Haldeman**														
***stricticus* Blatchley**														
P. praeclarus Weise	–	–	–	–	–	–	MB	ON	–	–	–	–	–	–
***elegans* Blatchley**														
P. relictus Fall	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
P. spumarius Suffrian	–	–	–	–	–	SK	MB	ON	PQ	–	–	–	–	–
***roboris* Fall**														
P. subfasciatus LeConte	–	–	–	–	–	–	MB	ON	–	–	–	–	–	–
***biguttatus* Suffrian**														
P. tridens (Melsheimer)	–	–	–	–	–	–	MB	ON	–	–	–	–	–	–
P. trinotatus (Melsheimer)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
P. vau Fall	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
P. vacillatus Fall	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Tribe Monachini

Genus LEXIPHANES Gistel
***Monachulus* Leng**
***Monachus* Chevrolat**
Key to North American species: Balsbaugh (1966)

L. saponatus (Fabricius)	–	–	–	–	–	–	MB	ON	PQ	NB	–	–	–	–
***ater* (Haldeman)**														
***viridanus* (Fall)**														

Tribe Cryptocephalini

Genus CRYPTOCEPHALUS O.F. Müller

(Subgenus CRYPTOCEPHALUS s. str.)
(*Canthostethus* Haldeman)
Key to North American species: White (1968)

C. calidus Suffrian	–	–	–	–	–	–	MB	ON	–	–	–	–	–	–
C. confluentus confluentus Say	–	–	–	BC	AB	SK	–	–	–	–	–	–	–	–
C. gibbicollis gibbicollis Haldeman	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
C. guttulatus Olivier	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
***lautus* Newman**														
C. incertus Olivier	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
***lineolatus* Haldeman**														
C. insertus Haldeman	–	–	–	–	AB	SK	MB	ON	PQ	–	–	–	–	–
***ellipsoidalis* Casey**														
C. leucomelas leucomelas Suffrian	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
C. mutabilis Melsheimer	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
***discoideus* Suffrian**														
***dispersus* Haldeman**														
C. notatus notatus Fabricius	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
C. notatus quadrimaculatus Say	–	–	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
C. notatus sellatus Schaeffer	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
C. quadruplex Newman	–	–	–	–	–	–	MB	ON	PQ	–	NS	–	–	–
***quadriguttulus* Suffrian**														
C. sanguinicollis Suffrian	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
***nigerrimus* Crotch**														
C. schreibersii Suffrian	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
***rugicollis* Haldeman**														
C. spurcus vandykei R.E. White	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. striatulus LeConte	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
C. tinctus LeConte	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
C. trivittatus Olivier	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
***lixus* Newman**														
***vitatus* Haldeman**														
C. venustus cinctipennis Randall	–	–	–	–	–	SK	MB	ON	–	–	–	–	–	–

C. venustus hamatus Melsheimer	–	–	–	–	–	–	MB	ON	–	–	–	–	–	–
C. venustus ornatulus Clavareau	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
ornatus Fabricius														
C. venustus simplex Haldeman	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
C. venustus venustus Fabricius	–	–	–	–	AB	SK	MB	ON	PQ	–	–	–	–	–
flaccidus Suffrian														

Genus DIACHUS LeConte
Fabricianus Weise

D. aeruginosus LeConte	–	–	NT	BC	–	–	MB	–	–	–	–	–	–	–
D. auratus (Fabricius)	–	–	–	BC	–	–	MB	ON	PQ	–	NS	–	–	–
aeneus (Olivier)														
chalconotus (Mannerheim)														
viridis (Melsheimer)														
D. catarius (Suffrian)	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	–
D. pallidicornis (Suffrian)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Genus BASSAREUS Haldeman

B. formosus (Melsheimer)	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
egenus Suffrian														
guttatus Haldeman														
B. lituratus (Fabricius)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
B. luteipennis (Melsheimer)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
B. mammifer (Newman)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
B. pretiosus (Melsheimer)	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
B. sellatus Suffrian	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
(?) *notatus* (Kirby)														
(?) *quadrisignatus* Suffrian														
B. sulphuripennis (Melsheimer)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Genus TRIACHUS LeConte

T. atomus (Suffrian)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
T. vacuus LeConte	–	–	–	–	–	–	–	ON	–	NB	–	–	–	–

Subfamily CHLAMISINAE

Genus NEOCHLAMISUS Karren
Key to North American species: Karren (1972)

N. alni (W.J. Brown)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
N. bebbianae (W.J. Brown)	–	–	–	–	–	–	MB	ON	PQ	–	NS	–	–	–
N. chamaedaphnes (W.J. Brown)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
N. comptoniae (W.J. Brown)	–	–	–	–	–	–	–	–	–	NB	NS	–	–	–
N. coryli (W.J. Brown)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
N. cribripennis (LeConte)	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
N. eubati (W.J. Brown)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
N. fragariae (W.J. Brown)	–	–	–	–	–	–	–	–	–	NB	–	–	–	–
N. tectus (W.J. Brown)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Genus EXEMA Lacordaire
Key to North American species: Karren (1966)

E. canadensis Pierce	–	–	–	–	–	–	MB	ON	PQ	NB	–	–	–	–
E. dispar Lacordaire	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
pennsylvanica Pierce														

Subfamily SYNETINAE

Genus SYNETA Dejean
Key to species: Edwards (1953)
Key to eastern North American species: Brown (1961)

S. albida LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
suturalis LeConte														
S. carinata Mannerheim	AK	–	–	BC	AB	–	–	–	–	–	–	–	–	–
S. extorris borealis W.J. Brown	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	NF
S. ferruginea (Germar)	–	–	–	–	–	–	MB	ON	PQ	NB	NS	–	–	NF
costata (Newman)														
rubicunda Lacordaire														
tripla (Say)														

S. hamata Horn	–	–	–	BC	AB	SK	–	–	–	–	–	–	–	–
S. pilosa W.J. Brown	–	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
S. simplex simplex LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
S. simplex subalpina Edwards	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–

Subfamily EUMOLPINAE
Tribe Nodinini

Genus METACHROMA Chevrolat
Atrachela Gistel
Key to species: Blake (1970)

M. angustulum Crotch	–	–	–	–	AB	SK	MB	ON	–	–	–	–	–	–
parallelum Horn														
M. longulum Horn	–	–	–	–	AB	SK	–	–	–	–	–	–	–	–
novemstriatum Schaeffer														
opacipenne Fall														

Genus PARIA LeConte
Key to North American species: Wilcox (1957); Balsbaugh (1970)

P. aterrima (Olivier)	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
P. fragariae fragariae Wilcox	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
P. pratensis Balsbaugh	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
P. quadriguttata LeConte	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
saliceti Wilcox														
P. quadrinotata (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
gilvipes Crotch														
infuscata (LeConte)														
melanura (Melsheimer)														
P. sexnotata (Say)	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
P. scutellaris (Notman)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
P. thoracica (Melsheimer)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–

Tribe Eumolpini

Genus SPINTHEROPHYTA Dejean
Chalcoparia Crotch
Chrysodina Baly
Key to North American species: Schultz (1976)

S. globosa (Olivier)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Genus NODONOTA Lefèvre
Brachypnoea Gistel
Noda Chevrolat
Key to North American species: Schultz (1980)

N. clypealis Horn	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
N. margaretae Schultz	–	–	–	–	–	–	MB	ON	–	–	–	–	–	–
N. puncticollis (Say)	–	–	–	–	AB	SK	MB	ON	PQ	–	–	–	–	–
aenea (Melsheimer)														
humeralis (LeConte)														
strigicollis (Lefèvre)														
N. tristis (Olivier)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
ovata (Say)														
pilula (Germar)														

Genus COLASPIS Fabricius
Key to North American species (part): Blake (1974)

C. brunnea (Fabricius)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
flavida Say														
flavicans Lefèvre														
C. costipennis Crotch	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
crotchi Lefèvre														
C. favosa Say	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
C. suilla borealis Blake	–	–	–	–	–	–	MB	ON	–	–	–	–	–	–

Genus RHABDOPTERUS Lefèvre
Rhabdophorus Lefèvre
Key to North American species: Schultz (1977)

R. deceptor Barber	–	–	–	–	AB	–	MB	ON	–	–	–	–	–	–
R. praetextus (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	PE	–	–
spiculatus Barber														
weisei (Schaeffer)														

Genus CHRYSOCHUS Chevrolat
Atymius Gistel
Key to western North American species: Hatch (1971)

C. auratus (Fabricius)	–	–	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
C. cobaltinus LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
californicus Marshall														
castaneus Marshall														
tenebricosus Marshall														

Tribe Adoxini

Genus GRAPHOPS LeConte
Heteraspis LeConte
Key to species: Blake (1955)

G. cupraeus (Provancher)	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
G. curtipennis curtipennis (Melsheimer)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
G. marcassitus (Crotch)	–	–	–	–	AB	–	MB	ON	PQ	–	–	–	–	–
G. nebulosus (LeConte)	–	–	–	–	AB	SK	–	–	–	–	–	–	–	–
G. negrellus Blake	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
G. nigellus Blake	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
G. pubescens (Melsheimer)	–	–	–	–	–	–	MB	ON	PQ	–	NS	–	–	–
G. varians LeConte	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
G. viridis Blake	–	–	–	–	–	SK	–	–	–	–	–	–	–	–

Genus XANTHONIA Baly

X. decemnotata (Say)	–	–	–	–	–	SK	MB	ON	PQ	–	NS	–	–	–
X. villosula (Melsheimer)	–	–	–	–	–	–	MB	ON	PQ	–	NS	–	–	–
plagiata (Melsheimer)														
stevensi Blake														

Genus FIDIA Walsh

F. viticida Walsh	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
lurida Lefèvre														

Genus BROMIUS Chevrolat
Adoxus Kirby
Eumolpus Redtenbacher

B. obscurus (Linné)*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	NF
cochlearius Say														
concinnus Weise														
lewisi Weise														

Genus MYOCHROUS Erichson
Key to North American species: Blake (1950)

M. denticollis (Say)	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
M. squamosus LeConte	–	–	–	–	AB	SK	–	–	–	–	–	–	–	–

Genus GLYPTOSCELIS Chevrolat
Key to species: Blake (1967)

G. albida albida LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
G. artemisiae Blake	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
G. longior LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
G. pubescens (Fabricius)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
pini (Say)														
hirsuta (Gmelin)														
hirta (Olivier)														
G. septentrionalis Blake	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Subfamily CHRYSOMELINAE

Key to North American species: Wilcox (1972)

Tribe Timarchini

Genus TIMARCHA Latreille

(Subgenus AMERICANOTIMARCHA Jolivet)
Key to New World species: Jolivet (1948)

T. cerdo Stål	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
aenea Jolivet														
intenta Jolivet														
nigra Jolivet														
T. intricata Haldeman	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
adusta Jolivet														
violacea Jolivet														
viridis Jolivet														

Tribe Chrysomelini

Genus ZYGOGRAMMA Chevrolat

Z. conjuncta conjuncta (Rogers)	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
Z. continua (LeConte)	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
Z. disrupta (Rogers)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
Z. exclamationis (Fabricius)	–	–	–	–	AB	SK	MB	ON	PQ	–	–	–	–	–
Z. suturalis casta (Rogers)	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
festiva (Fabricius)														
Z. suturalis suturalis (Fabricius)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
pulcra (Fabricius)														

Genus CALLIGRAPHA Chevrolat
Boliographa Motschulsky
Metallographa Motschulsky
Phyllis Gistel
Polyspila Hope
Key to North American species: Brown (1945)

(Subgenus GRAPHICALLO Monros)

C. lunata hybrida (Say)	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
latevittata (Achard)														
C. lunata lunata (Fabricius)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
brunnea (Thunberg)														
bowditchi (Achard)														
mediorupta (Achard)														

(Subgenus BIDENSOMELA Monros)

C. bidenticola bidenticola W.J. Brown	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
hilaris (Achard)														
intermedia (Achard)														
similis (Rogers)														

(Subgenus COREOPSOMELA Monros)

C. californica californica Linell	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. californica coreopsivora W.J. Brown	–	–	NT	BC	AB	SK	MB	ON	PQ	NB	–	PE	–	–
elegans (Olivier)														

(Subgenus ACALLIGRAPHA Monros)

C. praecelsis (Rogers)	–	–	–	–	–	–	MB	–	–	–	–	–	–	–

(Subgenus CALLIGRAPHA s. str.)

C. alni Schaeffer	–	–	–	–	AB	SK	MB	ON	PQ	NB	NS	–	–	–
confinis (Kirby)														
C. alnicola W.J. Brown	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
C. amator W.J. Brown	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
C. apicalis Notman	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
C. confluens Schaeffer	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
C. dolosa W.J. Brown	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

C. ignota W.J. Brown	–	–	–	–	–	–	MB	ON	PQ	NB	NS	PE	–	–
C. incisa (Rogers)	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
C. knabi W.J. Brown	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
C. multipunctata bigsbyana (Kirby)	–	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	–
C. multipunctata multipunctata (Say)	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
C. ostryae W.J. Brown	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
C. philadelphica (Linné)	–	–	–	BC	–	SK	MB	ON	PQ	NB	NS	–	–	–
decipiens (Weber)														
ruficornis (Olivier)														
C. pnirsa (Stål)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
labyrinthica Horn														
C. pruni W.J. Brown	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
C. rhoda Knab	–	–	–	–	–	–	MB	ON	–	–	–	–	–	–
C. rowena Knab	–	–	–	–	–	–	MB	ON	PQ	NB	–	–	–	–
C. scalaris (LeConte)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
multiguttis Stål														
C. sigmoidea (LeConte)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
C. spiraeae (Say)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
C. tiliae W.J. Brown	–	–	–	–	–	–	–	ON	–	NB	–	–	–	–
C. verrucosa (Suffrian)	–	–	NT	BC	AB	SK	MB	ON	–	–	–	–	–	–
C. vicina Schaeffer	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
C. virginea W.J. Brown	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
Genus LEPTINOTARSA Stål														
Myocoryna Stål														
Polygramma Chevrolat														
Key to North American species: Jacques (1988)														
L. decemlineata decemlineata (Say)	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	–
albida Tower														
intermedia Tower														
melanica Tower														
minuta Tower														
multitaeniata (Stål)														
oblongata Tower														
pallida Tower														
rubicunda Tower														
rubrivittata Tower														
tortuosa Tower														
Genus LABIDOMERA Chevrolat														
Paropsimena Motschulsky														
L. trimaculata (Fabricius)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
clivicollis (Kirby)														
rogersi LeConte														
Genus CHRYSOLINA Motschulsky														
Apterosoma Motschulsky														
Chrysomela auct.														
Oreina Monros & Bechyné														
Key to species: Brown (1962*a*)														
(Subgenus CHRYSOLINA s. str.)														
(*Stichosoma* Motschulsky)														
C. staphylea (Linné)†	–	–	–	–	–	–	–	–	PQ	–	NS	–	–	NF
(Subgenus SPHAEROMELA Bedel)														
C. varians (Schaller)†	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
(Subgenus HYPERICIA Bedel)														
C. hyperici (Forster)†	–	–	–	BC	–	–	–	ON	–	NB	NS	–	–	–
C. quadrigemina (Suffrian)†	–	–	–	BC	–	–	–	ON	–	NB	NS	–	–	–
gemellata auct.														
geminata auct.														
(Subgenus CHALCOIDEA Motchulsky)														
C. finitima W.J. Brown	AK	YK	–	–	–	–	–	–	–	–	–	–	–	–
C. flavomarginata flavomarginata (Say)	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
C. flavomarginata vidua (Rogers)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–

C. hudsonica W.J. Brown	–	–	NT	–	–	–	MB	ON	PQ	–	–	–	–	NF
(Subgenus PLEUROSTICA Motschulsky)														
C. cavigera (J.R. Sahlberg)*	AK	YK	–	–	–	–	–	–	–	–	–	–	–	–
tolli Jacobson														
(Subgenus ARCTOLINA Kontkanen)														
C. caurina W.J. Brown	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
C. magniceps (J. Sahlberg)	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
C. subsulcata (Mannerheim)	AK	YK	–	–	–	–	–	–	–	–	–	–	–	–
(Subgenus PEZOCROSITA Jacobson)														
C. auripennis (Say)	AK	–	–	–	–	–	MB	–	–	–	–	–	–	–
inornata (Rogers)														
C. basilaris (Say)	–	YK	–	BC	AB	–	–	–	–	–	–	–	–	–
Genus GASTROPHYSA Chevrolat Key to North American species: Jolivet (1951)														
(Subgenus GASTROPHYSA s. str.) (*Gastroeidea* Hope)														
G. cyanea caesia Rogers	–	–	NT	BC	AB	SK	–	–	–	–	–	–	–	–
G. cyanea cyanea Melsheimer	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
G. dissimilis (Say)	–	–	NT	–	AB	SK	–	–	–	–	–	–	–	–
G. formosa (Say)	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
G. polygoni (Linné)*	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	–
caerulipennis (Say)														
ruficollis (Fabricius)														
Genus PHAEDON Megerle von Mühlfeld Key to North American species: Balsbaugh (1983)														
(Subgenus PHAEDON s. str.)														
P. armoraciae armoraciae (Linné)*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
americanus Schaeffer														
P. armoraciae niger Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
planus Hatch														
P. laevigatus (Duftschmid)*	AK	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	–
carri Hatch														
cochleariae auct. amer.														
uniformis Fall														
vancouverensis Hatch														
P. oviformis (LeConte)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	–
P. prasinellus (LeConte)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
punctatus Hatch														
vandykei Hatch														
P. viridis Melsheimer	–	–	–	–	–	SK	MB	ON	PQ	NB	–	–	–	–
aeruginosus Suffrian														
dietrichi Hatch														
microreticulatus Hatch														
oklahomensis Hatch														
Genus HYDROTHASSA C.G. Thomson														
(Subgenus HYDROTHASSA s. str.) (*Eremosis* des Gozis)														
H. boreela Schaeffer	–	YK	NT	BC	AB	SK	MB	–	–	–	–	–	–	–
H. obliquata (LeConte)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
H. ovalis (Blatchley)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
H. vittata (Olivier)*	–	–	NT	–	AB	SK	MB	ON	PQ	–	NS	–	–	–
trivittata (Say)														
varipes (LeConte)														
Genus PRASOCURIS Latreille *Helodes* Paykull														
P. phellandrii (Linné)*	AK	–	NT	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
Genus PLAGIODERA Chevrolat														
(Subgenus PLAGIODERA s. str.) (*Melasomida* Schaeffer) (*Pseudolina* Schaeffer)														

P. versicolora (Laicharting)†	–	–	–	–	–	–	MB	ON	PQ	NB	–	–	–	–
armoraciae (Fabricius)														

Genus CHRYSOMELA Linné
Key to New World species: Brown (1956)

(Subgenus CHRYSOMELA s. str.)
(*Lina* Dejean)
(*Melasoma* Stephens)

C. aeneicollis (Schaeffer)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
quadriguttoides Beller & Hatch														
C. blaisdelli (Van Dyke)	AK	–	NT	BC	–	–	–	–	–	–	–	–	–	–
C. confluens (Rogers)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
maculicollis Schaeffer														
C. crotchi W.J. Brown	AK	–	NT	–	AB	SK	MB	ON	PQ	NB	NS	–	–	–
C. engelhardti (Hatch)	AK	YK	NT	–	–	–	–	–	–	–	–	–	–	–
C. falsa W.J. Brown	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	–	–	LB	NF
C. invicta W.J. Brown	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
C. knabi hesperia W.J. Brown	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
C. knabi knabi W.J. Brown	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
C. laurentia W.J. Brown	–	–	NT	–	AB	–	–	ON	PQ	–	–	–	–	–
C. lineatopunctata (Forster)	–	–	NT	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
novaboracensis Gmelin														
obsoleta (Say)														
scriptoides (Schaeffer)														
variegata Olivier														
C. mainensis interna W.J. Brown	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
C. mainensis littorea W.J. Brown	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. mainensis mainensis Bechyné	–	YK	NT	–	AB	–	MB	ON	PQ	NB	NS	–	LB	NF
C. schaefferi W.J. Brown	AK	YK	–	BC	AB	–	MB	–	–	–	–	–	–	–
immaculata (Schaeffer)														
C. scripta Fabricius	–	–	–	BC	AB	SK	MB	ON	–	–	–	–	–	–
C. semota W.J. Brown	–	YK	NT	BC	AB	–	–	–	–	–	–	–	–	–
C. walshi W.J. Brown	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Genus GONIOCTENA Chevrolat
Key to North American species: Brown (1942*a*)

(Subgenus GONIOCTENA s. str.)
(*Phytodecta* Kirby)

G. americana (Schaeffer)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	–	–	LB	–
arctica Bechyné														
guttifera Bechyné														
G. nivosa alberta W.J. Brown	–	–	NT	–	AB	–	–	–	–	–	–	–	–	–
G. nivosa arctica (Mannerheim)	AK	YK	NT	BC	AB	–	MB	–	–	–	–	–	–	–
G. nivosa nivosa (Suffrian)														
G. notmani (Schaeffer)	–	YK	NT	–	AB	SK	MB	ON	PQ	–	–	–	LB	–
G. occidentalis (W.J. Brown)	–	YK	–	BC	AB	–	–	–	–	–	–	–	–	–

Genus PHRATORA Chevrolat
Key to North American species: Brown (1951)

(Subgenus PHRATORA s. str.)
(*Phyllodecta* Kirby)

P. americana canadensis W.J. Brown	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
P. frosti frosti W.J. Brown	–	–	–	–	–	–	–	–	–	–	NS	–	–	–
P. frosti remissa W.J. Brown	AK	–	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
P. hudsonia W.J. Brown	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
P. kenaiensis W.J. Brown	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
P. interstitialis Mannerheim	AK	YK	NT	BC	–	–	–	–	–	–	–	–	–	–
aklaviki (Carr)														
P. purpurea novaeterrae W.J. Brown	–	–	–	–	–	–	–	–	–	–	–	–	–	NF
P. purpurea purpurea W.J. Brown	–	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	–

Genus ENTOMOSCELIS Chevrolat
Chrysomelopsila Strand
Chrysomelopsis Achard
Key to North American species: Brown (1942*b*)

E. americana W.J. Brown	AK	YK	NT	BC	AB	SK	MB	–	–	–	–	–	–	–

Subfamily GALERUCINAE
Tribe Galerucini
Key to North American species: Wilcox (1965)

Genus DEROSPIDEA Blake
Key to North American species: Blake (1931)

D. brevicollis (LeConte)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Genus TRIRHABDA LeConte
Key to North American species: Blake (1931)

T. adela Blake	–	–	–	–	–	–	MB	ON	–	–	–	–	–	–
T. attenuata (Say)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
T. bacharidis (Weber)	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
tomentosa LeConte														
T. borealis Blake	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	–
indigoptera Blake														
neoscotiae Blake														
T. canadensis (Kirby)	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	–
tomentosa Crotch														
T. convergens LeConte	–	–	–	–	AB	SK	MB	ON	–	–	–	–	–	–
virescens Cockerell														
viridicyanea Blake														
T. lewisii Crotch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
T. pilosa pilosa Blake	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
T. sericotrachyla Blake	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
T. virgata LeConte	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–

Genus GALERUCELLA Crotch

(Subgenus GALERUCELLA s. str.)
(*Hydrogaleruca* Laboissière)

G. nymphaeae (Linné)*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF
femoralis (Melsheimer)														
luctuosa (Mannerheim)														
marginella (Kirby)														
sagittariae (Kirby)														
stilleri Papp														

(Subgenus NEOGALERUCELLA Chujo)

G. quebecensis W.J. Brown	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
G. stefanssoni W.J. Brown	AK	YK	NT	–	–	–	–	–	PQ	–	NS	–	–	–

Genus TRICHOLOCHMAEA Laboissière

T. alni (Fall)	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
T. decora carbo (LeConte)	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–
T. decora decora (Say)	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
salicis (Randall)														
T. cavicollis (LeConte)	–	–	–	–	AB	SK	MB	ON	PQ	–	–	–	–	–
haematica (LeConte)														
T. kalmiae (Fall)	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
T. perplexa (Fall)	–	–	–	–	–	–	–	ON	PQ	NB		–	–	–
T. punctipennis pallida (Beller & Hatch)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
T. punctipennis punctipennis (Mannerheim)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
T. ribicola confusa (W.J. Brown)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
T. ribicola ribicola (W.J. Brown)	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
T. rufosanguinea (Say)	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
T. sablensis (W.J. Brown)	–	–	–	–	–	–	–	–	–	–	NS	–	–	–
T. spiraeae (Fall)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
T. spiraeophila (Hatch & Beller)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
T. tuberculata (Say)	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
T. vaccinii (Fall)	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–

Genus PYRRHALTA Joannis

P. viburni (Paykull)†	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Genus XANTHOGALERUCA Laboissière

X. luteola (O.F. Müller)†	–	–	–	BC	–	–	–	ON	PQ	–	–	–	–	–

Genus ERYNEPHALA Blake														
Key to species: Blake (1936)														
E. maritima (LeConte)	–	–	–	–	–	–	–	–	–	–	NS	–	–	–
texana Schaeffer														
E. puncticollis (Say)	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
Genus MONOXIA LeConte														
Key to species: Blake (1939)														
M. angularis (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
M. consputa LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
M. debilis LeConte	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
M. grisea Blake	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
M. inornata Blake	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
M. puberula Blake	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
M. sordida LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Genus OPHRAELLA Wilcox														
Key to North American species: LeSage (1986)														
O. americana (Fabricius)	–	–	–	–	AB	SK	MB	ON	PQ	–	–	–	–	–
O. arctica LeSage	–	–	NT	–	–	–	MB	–	–	–	–	–	–	–
O. bilineata (Kirby)	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–
O. communa LeSage	–	–	–	BC	AB	SK	–	ON	–	–	–	–	–	–
notulata auct.														
O. conferta (LeConte)	–	–	–	–	AB	SK	MB	ON	PQ	NB	NS	–	–	–
O. cribrata (LeConte)	–	–	–	–	AB	SK	MB	ON	PQ	–	–	–	–	–
O. notata (Fabricius)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
O. nuda LeSage	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
O. pilosa LeSage	–	–	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
Genus GALERUCA O.F. Müller														
Key to North American species: Blake (1945)														
(Subgenus GALERUCA s. str.)														
(*Adimonia* Laicharting)														
G. browni Blake	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
G. externa (Say)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
G. rudis (LeConte)	–	YK	–	BC	–	–	–	–	–	–	–	–	–	–

Tribe Luperini

Genus DIABROTICA Chevrolat														
D. barberi Smith & Lawrence	–	–	–	–	–	–	MB	ON	PQ	NB	–	–	–	–
longicornis auct.														
D. cristata (Harris)	–	–	–	–	–	SK	MB	ON	–	–	–	–	–	–
atripennis (Say)														
fossata LeConte														
D. undecimpunctata howardi Barber	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
duodecimpunctata (Fabricius)														
D. virgifera virgifera LeConte	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
filicornis Horn														
Genus ACALYMMA Barber														
Key to North American species: Munroe and Smith (1980)														
A. gouldi Barber	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
A. vittatum (Fabricius)	–	–	–	–	–	–	MB	ON	PQ	NB	NS	–	–	–
americanum (Gmelin)														
melanocephalum (Fabricius)														
pallipes (Olivier)														
stolatum (Gmelin)														
Genus CEROTOMA Chevrolat														
Andrector Horn														
Cerotana Bowditch														
Ceratoma Dozier														
C. trifurcata (Forster)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–

Genus PSEUDOLUPERUS Beller & Hatch

P. lecontii (Crotch)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. longulus (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
bakeri Beller & Hatch														

Genus SCELOLYPERUS Crotch

S. cyanellus (LeConte)	–	–	–	–	–	–	–	ON	–	–	NS	–	–	–
S. nigrovirescens (Fall)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
S. schwarzi Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
S. torquatus (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
S. varipes (LeConte)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
concavus Beller & Hatch														

Genus PHYLLOBROTICA Chevrolat

P. decorata (Say)	–	–	–	BC	AB	SK	MB	–	PQ	–	NS	–	–	–
P. discoidea (Fabricius)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
circumdata (Say)														
P. limbata (Fabricius)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Subfamily ALTICINAE

Genus BLEPHARIDA Chevrolat

Key to North American species: Mignot (1971); Balsbaugh and Hays (1972)

(Subgenus BLEPHARIDA s. str.)
(*Blepharidula* Weise)

B. rhois (Forster)	–	–	–	–	AB	SK	MB	ON	–	–	–	–	–	–
atripennis Horn														
dorothea Mignot														
meticulosa (Olivier)														
roi (Olivier)														
stolida (Fabricius)														

Genus PHYLLOTRETA Chevrolat
Tanygaster Blatchley

Key to North American species (part): Smith (1985)

P. alberta Chittenden	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
P. albionica (LeConte)	–	–	–	BC	AB	SK	–	–	–	–	–	–	–	–
P. aerea Allard†	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
P. armoraciae (Koch)†	–	–	–	–	–	SK	MB	ON	PQ	NB	–	PE	–	–
biplagiata Chittenden														
P. bipustulata (Fabricius)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
P. brevipennis Chittenden	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
P. chalybeipennis (Crotch)	–	–	–	–	–	–	–	–	–	–	NS	–	–	–
P. conjuncta Gentner	–	–	–	–	AB	SK	MB	ON	PQ	–	–	–	–	–
P. constricta E.H. Smith	–	–	–	BC	AB	SK	–	–	–	–	–	–	–	–
P. cruciferae (Goeze)†	–	–	–	–	AB	SK	MB	ON	PQ	NB	NS	–	–	–
columbiana Chittenden														
P. decipiens Horn	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
ordinata Chittenden														
P. denticornis Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
amplicornis Chittenden														
aequalis Hatch														
P. inconspicua Chittenden	–	–	–	BC	–	SK	MB	–	–	–	–	–	–	–
P. lewisii (Crotch)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. liebecki Schaeffer	–	–	–	–	–	–	MB	ON	–	–	–	–	–	–
P. oblonga Chittenden	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
P. pusilla Horn	–	–	–	–	AB	SK	MB	ON	–	–	–	–	–	–
P. ramosoides E.H. Smith	–	–	NT	BC	–	–	–	–	–	–	–	–	–	–
P. robusta LeConte	–	–	–	–	AB	SK	MB	ON	PQ	–	–	–	–	–
P. striolata (Fabricius)†	–	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	–
artivittata Chittenden														
lineolata Chittenden														
vernicosa Chittenden														
vittata (Fabricius)														
P. utanula E.H. Smith	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. zimmermanni (Crotch)*	AK	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	NF
sinuata Horn														

Genus APHTHONA Chevrolat														
Cerataltica Crotch														
A. cyparissiae (Koch)†	–	–	–	–	AB	?	–	ON	–	?	–	–	–	–
A. flava Guillebeau†	–	–	–	–	AB	?	–	?	–	?	–	–	–	–
A. nigriscutis Foudras†	–	–	–	–	AB	–	MB	ON	–	–	–	–	–	–
Genus LONGITARSUS Berthold														
(Subgenus LONGITARSUS s. str.)														
(*Apterius* Blatchley)														
(*Teinodactyla* Chevrolat)														
(*Thyamis* Stephens)														
L. erro Horn	–	–	NT	BC	AB	–	MB	ON	PQ	–	NS	–	–	–
L. ferrugineus (Foudras)†	–	–	–	–	–	–	–	ON	PQ	–	–	PE	–	NF
L. ganglbaueri Heikertinger†	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
L. insolens Horn	–	–	–	–	AB	–	–	ON	PQ	–	–	–	–	–
L. jacobaeae Waterhouse†	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
L. luridus (Scopoli)†	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	NF
L. melanurus (Melsheimer)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
L. pallescens Blatchley	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
L. pellucidus (Foudras)†	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
L. pratensis (Panzer)†	–	–	–	–	–	–	–	ON	PQ	–	–	PE	–	–
L. rubiginosus (Foudras)†	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
L. succineus Foudras†	–	–	–	–	–	–	–	–	–	–	–	–	–	NF
L. suspectus Blatchley	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
L. testaceus (Melsheimer)	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
Genus GLYPTINA LeConte														
Balophila Crotch														
G. abbreviata Gentner	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
G. atriventris Horn	–	–	–	BC	AB	SK	MB	ON	–	–	–	–	–	–
G. brunnea Horn	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
G. cyanipennis (Crotch)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
G. spuria LeConte	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
lissotorques LeConte														
Genus SYSTENA Chevrolat														
S. bitaeniata (LeConte)	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
S. blanda (Melsheimer)	–	–	–	–	AB	–	MB	ON	PQ	–	–	–	–	–
ligata (LeConte)														
ochracea (LeConte)														
taeniata (Say)														
S. carri Blake	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
S. corni Schaeffer	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
S. dimorpha Blake	–	–	–	–	AB	SK	–	–	–	–	–	–	–	–
S. elongata (Fabricius)	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
floridana Blatchley														
subaenea (LeConte)														
S. frontalis (Fabricius)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
S. hudsonias (Forster)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
S. marginalis (Illiger)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
oblonga (LeConte)														
Genus STRABALA Chevrolat														
(Subgenus STRABALA s. str.)														
Key to New World species: Blake (1953)														
S. rufa (Illiger)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
Genus ALTICA O.F. Müller														
(Subgenus ALTICA s. str.)														
(*Graptodera* Chevrolat)														
(*Megaltica* Hatch)														
A. aeneola Blatchley	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
aenescens Blatchley														
A. ambiens LeConte	–	–	NT	BC	–	–	MB	ON	PQ	–	NS	–	–	–
alni Harris														
latiplicata Blake														
A. betulae Schaeffer	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–

A. bimarginata Say	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	–	–	LB	–
plicipennis (Mannerheim)														
A. browni Mohamedsaid	–	–	–	–	–	–	MB	ON	PQ	NB	NS	–	–	–
potentillae W.J. Brown														
A. canadensis Gentner	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
A. chalybaea Illiger	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
vitivora Thomas														
A. carinata Germar	–	–	–	–	–	–	MB	ON	PQ	NB	–	–	–	–
exapta Say														
A. caurina Blake	–	–	–	BC	AB	–	MB	–	–	–	–	–	–	–
A. corni Woods	–	–	–	BC	–	–	MB	ON	PQ	–	–	–	–	–
A. elongatula Csiki	–	–	–	–	AB	–	MB	ON	–	–	–	–	–	–
elongata Gentner														
A. foliaceae LeConte	–	–	–	–	–	–	MB	ON	–	–	–	–	–	–
punctipennis LeConte														
A. heucherae Fall	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
A. ignita Illiger	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
A. inaerata LeConte	–	–	NT	–	–	–	MB	–	–	–	–	–	–	–
A. kalmiae Melsheimer	–	–	–	–	–	–	–	–	PQ	NB	NS	–	–	–
viridana Schaeffer														
A. litigata Fall	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
A. populi W.J. Brown	–	–	–	–	–	SK	MB	ON	PQ	NB	–	–	–	–
A. prasina LeConte	–	–	–	BC	AB	SK	–	–	–	–	–	–	–	–
A. probata Fall	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. ribis W.J. Brown	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
A. rosae Woods	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
A. subplicata LeConte	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
A. sylvia Malloch	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
cuprascens Fall														
torquata LeConte														
A. tincta LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. tombacina (Mannerheim)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	LB	–
evicta LeConte														
shoemakeri Schaeffer														
A. ulmi Woods	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
A. vicaria Horn	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
A. woodsi Isely	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
Genus HORNALTICA Barber														
H. atriventris (Melsheimer)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
Genus ORTHALTICA Crotch														
Leptothrix Heikertinger & Csiki														
Leptotrichaltica Heikertinger														
Leptotrix Horn														
Micrepitrix Laboissière														
Serraticollis R.E. White														
Key to North American species: Scherer (1974)														
O. copalina (Fabricius)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
forticornis (Illiger)														
Genus DEROCREPIS Weise														
D. erythropus (Melsheimer)	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
rufipes (Crotch)														
D. oregoni Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Genus ORESTIA Germar														
Orestioides Hatch														
Pyladia Weise														
O. robusta (LeConte)	–	–	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	NF
Genus HIPPURIPHILA Foudras														
Key to North American species: Brown (1942*b*)														
H. canadensis W.J. Brown	AK	–	NT	–	AB	SK	MB	ON	PQ	–	–	–	–	NF
H. equiseti Beller & Hatch	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
H. mancula (LeConte)	AK	–	–	BC	AB	SK	–	–	–	–	–	–	–	–
modeeri auct.														

Genus CREPIDODERA Chevrolat

Key to North American species: Parry (1986)

C. browni Parry	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
C. decora Parry	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
C. digna Parry	AK	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	–
C. heikertingeri (Lazorko)	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
C. luminosa Parry	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	NF
C. nana (Say)	–	–	NT	BC	AB	SK	MB	ON	PQ	NB	–	–	–	–
chittendeni Heikertinger														
C. populivora Parry	–	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	–
C. sculpturata (Lazorko)	–	–	–	BC	–	–	MB	ON	–	–	–	–	–	–
C. solita Parry	–	–	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
C. spenceri (Lazorko)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. vaga Parry	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
C. violacea Melsheimer	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Genus EPITRIX Foudras

E. brevis Schwarz	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
E. cucumeris (Harris)	–	–	–	–	–	SK	MB	ON	PQ	NB	NS	–	–	–
(?) *pubescens* Illiger														
seminulum LeConte														
E. hirtipennis (Melsheimer)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
E. humeralis Dury	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
E. subcrinita (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
E. tuberis Gentner	–	–	–	BC	AB	SK	–	–	–	–	–	–	–	–

Genus MANTURA Stephens

M. chrysanthemi (Koch)†	–	–	–	–	–	–	–	–	–	–	–	–	–	NF
M. floridana Crotch	–	–	–	–	AB	SK	MB	ON	PQ	NB	NS	–	–	NF

Genus CHAETOCNEMA Stephens

(Subgenus CHAETOCNEMA s. str.)

C. concinna (Marsham)†	–	–	–	–	–	–	–	–	–	–	–	PE	–	–
C. confinis Crotch	–	–	–	–	AB	SK	MB	ON	PQ	NB	NS	–	–	–
flavicornis LeConte														
C. cribrata LeConte	–	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
rudis LeConte														
C. cribrifrons LeConte	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
C. decipiens LeConte	–	–	–	–	–	SK	–	–	–	–	–	–	–	–
C. denticulata (Illiger)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
americana Motschulsky														
semichalchea Melsheimer														
texana Crotch														
C. ectypa Horn	–	–	–	–	–	SK	MB	–	–	–	–	–	–	–
C. minuta Melsheimer	–	–	–	–	–	–	MB	ON	PQ	NB	NS	–	–	–
C. opulenta Horn	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
C. perturbata Horn	–	–	–	–	–	SK	MB	–	–	–	–	–	–	–
C. protensa LeConte	–	YK	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
C. pulicaria Melsheimer	–	–	–	BC	AB	–	–	ON	–	–	–	–	–	–
(?) *aeneola* LeConte														
C. subcylindrica LeConte	–	–	NT	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
cylindrica LeConte														
C. subviridis LeConte	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–

Genus DISONYCHA Chevrolat

Key to North American species: Blake (1933)

D. alternata (Illiger)	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	–
punctigera Schaeffer														
(?) *quinquevittata* (Say)														
D. arizonae Casey	–	–	–	–	–	–	MB	ON	–	–	–	–	–	–
borealis Blake														
davisi Schaeffer														
glabrata Jacoby														
D. latifrons Schaeffer	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	–
asteris Schaeffer														
laticollis Schaeffer														
D. latiovittata Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
D. pensylvanica (Illiger)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

parva Blatchley														
pensylvania Sturm														
(?) *sexlineata* (Olivier)														
D. procera Casey	–	–	NT	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
nigriventris Schaeffer														
(?) *pallipes* Crotch														
(?) *vicina* Kirby														
D. punctigera LeConte	–	–	NT	–	AB	SK	MB	–	–	–	–	–	–	–
neglecta Schaeffer														
punctipennis Schaeffer														
D. schaefferi Blake	–	–	–	–	–	SK	–	–	–	–	–	–	–	–
D. triangularis (Say)	–	–	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
montanensis Blake														
puncticollis (Kirby)														
D. uniguttata (Say)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
vicina Kirby														
D. xanthomelas (Dalman)	–	–	NT	–	AB	SK	MB	ON	PQ	–	–	PE	–	–
atrella Blake														
cervicalis LeConte														
collaris (Illiger)														
merdivora Melsheimer														
xanthomelaena Gemminger & Harold														

Genus KUSCHELINA Bechyné
Key to North American species: Blake (1927)

K. barberi (Blake)	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
K. fimbriata (Forster)	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
circumcincta (Crotch)														
suturella (Say)														
K. gibbitarsa (Say)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
K. lugens (LeConte)	–	–	NT	BC	AB	SK	MB	ON	–	–	–	–	–	–
lamprocyanea (Blake)														
K. perplexa (Blake)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
K. thoracica (Fabricius)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
flava (Gmelin)														
K. vians (Illiger)	–	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	–
abdominalis (Olivier)														
badia (Blake)														
scripticollis (Say)														

Genus CAPRAITA Bechyné
Chloephaga Weise
Key to North American species: Blake (1927)

C. circumdata (Randall)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
limbalis (Melsheimer)														
(?) *quercata* (Crotch)														
C. scalaris (Melsheimer)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
lobata (LeConte)														
C. sexmaculata (Illiger)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
cretica (Jacoby)														
palliata (Randall)														
C. subvittata (Horn)	–	–	–	–	AB	SK	MB	ON	PQ	NB	NS	–	–	–
C. thyamoides (Crotch)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Genus DISTIGMOPTERA Blake
Key to North American species: Blake (1943)

D. apicalis Blake	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
D. borealis Blake	–	–	–	BC	AB	SK	MB	ON	PQ	NB	–	–	–	–
D. pilosa (Illiger)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Genus DIBOLIA Latreille
Key to North American species: Parry (1974)

(Subgenus DIBOLIA s. str.)

D. borealis Chevrolat	–	–	–	–	AB	SK	MB	–	PQ	NB	NS	–	–	–
D. chelones Parry	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
D. libonoti Horn	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
D. melampyri Parry	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
D. penstemonis Parry	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
D. reyheria Mignot	–	–	–	–	AB	–	MB	–	–	–	–	–	–	–

Genus PSYLLIODES Berthold

P. affinis (Paykull)†	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
P. chrysocephala (Linné)†	–	–	–	–	–	–	–	–	–	–	–	–	–	NF
P. convexior LeConte	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
P. cucullata (Illiger)†	–	–	–	–	–	–	–	–	PQ	NB	–	–	–	–
P. elegans Horn	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
P. napi (Fabricius)†	–	–	–	–	–	–	–	ON	PQ	NB	–	PE	–	NF
P. picina (Marsham)†	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
P. punctulata Melsheimer	–	–	–	–	AB	–	MB	ON	PQ	–	NS	–	–	NF
aenescens Casey														
extricata Casey														
parvicollis LeConte														

Subfamily HISPINAE
Tribe Chalepini

Key to North American genera: Butte (1968*a*)

Genus ANISOSTENA Weise

(Subgenus ANISOSTENA s. str.)

A. californica Van Dyke	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. nigrita (Olivier)	–	–	–	BC	–	–	MB	ON	PQ	NB	–	–	–	–

Genus SUMITROSIS Butte
Anoplitis Chapuis
Key to North American species: Butte (1969)

S. ancoroides (Schaeffer)	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
S. inaequalis (Weber)	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	–
baucis (Newman)														
flavipes (Germar)														
nervosa (Horn)														
obsoleta (Say)														
pallida (Say)														
suturalis (Fabricius)														
S. rosea (Weber)	–	–	–	–	–	SK	MB	ON	PQ	NB	NS	PE	–	–
philemon (Newman)														

Genus ODONTOTA Chevrolat
Key to North American species: Butte (1968*c*)

O. dorsalis (Thunberg)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
harrisi Crotch														
scutellaris (Olivier)														
suturalis (Harris)														
O. mundulus (Sanderson)	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
O. scapularis (Olivier)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
lateralis (Say)														

Genus CHALEPUS Thunberg
Anoplitis Kirby
Key to North American species: Butte (1968*b*)

C. bicolor (Olivier)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
rufiventris (Suffrian)														
rufogaster Thunberg														

Genus BALIOSUS Weise

B. nervosus (Panzer)	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
marginatus (Say)														
marmoratus (Baly)														
obsoletus (Say)														
pallipes (Germar)														
quadratus (Fabricius)														
quercifoliae (Harris)														
rubellus (Schönherr)														
ruber (Weber)														

Tribe Uroplatini

Genus STENOPODIUS Horn
Key to North American species: Blaisdell (1938*b*)

S. lateralis (Schaeffer)	–	–	–	–	AB	SK	–	–	–	–	–	–	–	–
vanduzeei Blaisdell														
S. texanus (Schaeffer)	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–

Genus BRACHYCORYNA Guérin-Méneville
Key to North American species: Staines (1986)

B. hardyi (Crotch)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
confusa Hatch														
horni Weise														
melsheimeri Horn														
B. montana (Horn)	–	–	–	–	AB	SK	MB	ON	–	–	–	–	–	–

Genus GLYPHUROPLATA Uhmann
Key to North American species: Riley (1985*b*)

G. pluto (Newman)	–	–	–	–	AB	–	MB	ON	PQ	–	–	–	–	–
porcata (Melsheimer)														

Genus MICRORHOPALA Chevrolat
Key to North American species: Clark (1983)

M. excavata cyanea (Say)	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–
M. excavata excavata (Olivier)	–	–	–	–	–	–	MB	ON	PQ	NB	NS	–	–	–
M. vittata (Fabricius)	–	–	–	BC	AB	SK	MB	ON	PQ	NB	–	–	–	–
laetula LeConte														
M. xerene (Newman)	–	–	–	–	AB	SK	MB	ON	PQ	NB	–	–	–	–
interrupta Couper														

Subfamily CASSIDINAE
Tribe Stolaini

Key to genera: Hincks (1952)

Genus CHELYMORPHA Chevrolat

C. cassidea (Fabricius)	–	–	–	–	–	SK	MB	ON	PQ	–	–	–	–	–
argus (Lichtenstein)														
cribraria (Olivier)														
geniculata Boheman														
lewisi Crotch														
septemdecimpunctata (Say)														

Tribe Physonotini

Genus PHYSONOTA Boheman
Key to North American species: Sanderson (1948)

(Subgenus PHYSONOTA s. str.)

P. helianthi (Randall)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
quinquepunctata (Walsh)														
septentrionalis Boheman														
P. unipunctata (Say)	–	–	–	–	–	SK	MB	ON	PQ	–	–	–	–	–

Tribe Cassidini

Key to North American genera: Riley (1986*a*)

Genus CASSIDA Linné
Key to North American species: Riley (1986*b*)

(Subgenus CASSIDA s. str.)

C. azurea Fabricius†	–	–	–	–	–	SK	–	–	–	–	–	–	–	–
C. flaveola Thunberg†	–	YK	NT	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
C. rubiginosa O.F. Müller†	–	–	–	–	AB	SK	MB	ON	PQ	NB	–	–	–	–

Genus JONTHONOTA Spaeth

J. nigripes (Olivier)	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
ellipsis (LeConte)														

Genus AGROICONOTA Spaeth														
A. bivittata (Say)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
striolata (Boheman)														
vittula (Boheman)														
Genus PLAGIOMETRIONA Spaeth														
(Subgenus PARAMETRIONA Spaeth)														
P. clavata (Fabricius)	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
diversicollis (Schaeffer)														
Genus STRONGYLOCASSIS Hincks														
Strongylaspis Spaeth														
Key to species: Riley (1985*a*)														
S. atripes (LeConte)	–	–	–	–	–	–	MB	ON	–	–	–	–	–	–
creola (Sanderson & King)														
loedingi (Schaeffer)														
Genus DELOYALA Chevrolat														
Chirida Chapuis														
D. guttata (Olivier)	–	–	–	–	AB	SK	MB	ON	PQ	NB	NS	PE	–	–
bohemani (Spaeth)														
columbica (Spaeth)														
cruciata (Fabricius)														
fuliginosa (Olivier)														
hamulata (Boheman)														
immunita (Boheman)														
immunda (Boheman)														
lucidula (Boheman)														
lugubrina (Boheman)														
pennsylvanica (Spaeth)														
signifera (Herbst)														
trabeata (Boheman)														
Genus CHARIDOTELLA Weise														
(Subgenus CHAEROCASSIS Spaeth)														
C. purpurata (Boheman)	–	–	–	–	–	SK	MB	ON	PQ	–	NS	–	–	–
C. sexpunctata bicolor (Fabricius)	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
aurichalcea (Fabricius)														
aurisplendens (Mannerheim)														
bistripustulata (Herbst)														
floridana (Schaeffer)														
(?) *marylandica* (Herbst)														
pallida (Herbst)														

Superfamily Curculionoidea
Family NEMONYCHIDAE

J. McNamara

Nemonychidae comprises eight species in Canada. The adults feed on the staminate flowers of various conifers.

The nemonychids are often included in Curculionidae, but their larvae show an affinity to Anthribidae. Kuschel (1989) recently published a revision of this family for North America The list below follows O'Brien and Wibmer (1982).

BC (6); AB (3); MB (1); ON (2); PQ (3); NB (1)

Subfamily DOYDIRHYNCHINAE
Tribe Cimberidini

Genus CIMBERIS des Gozis

C. bihirsuta Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. compta (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
parvulus Hatch														
C. decipiens Kuschel	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. elongata (LeConte)	–	–	–	BC	–	–	MB	ON	PQ	–	–	–	–	–
C. pallipennis (Blatchley)	–	–	–	–	AB	–	–	–	PQ	–	–	–	–	–
C. pilosa (LeConte)	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–

Genus PITYOMACER Kuschel

P. pix Kuschel	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–

Genus ACROMACER Kuschel

A. bombifrons (LeConte)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–

Family ANTHRIBIDAE fungus weevils

J. McNamara

Anthribidae includes 18 species in Canada and Alaska. One of these, the coffee bean weevil (*Araecerus fasciculatus*), is introduced and may be established in warehouses; this species damages many stored plant materials, including seeds. Adults of anthribids are often collected by beating dead or diseased vegetation or by sweeping in weedy areas. The larvae are usually found in similar habitats. Adults feed on fungi, pollen, or even bark; larvae feed in plant stems, fungi, or woods.

Valentine (1960) has revised the North American genera of Anthribidae.

AK (2); YK (2); NT (2); BC (4); AB (8); SK (6); MB (7); ON (12); PQ (12); NB (1); NS (1); NF (1) • H (1); I (1)

Subfamily CHORAGINAE
Tribe Araecerini

Genus ARAECERUS Schönherr

A. fasciculatus (DeGeer)†	–	–	–	BC	–	–	–	ON	PQ	–	–	–	–	–

Tribe Choragini

Genus EUXENUS LeConte

E. punctatus LeConte	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–

Subfamily ANTHRIBINAE
Tribe Eupariini

Genus EUPARIUS Schönherr
Key to North American species: Valentine (1960)

E. marmoreus (Olivier)	–	–	–	–	–	–	MB	ON	PQ	NB	–	–	–	–
albifrons (Boheman)														
lunatus (Fabricius)														

Tribe Anthribini

Genus TRIGONORHINUS Wollaston
Anthribulus LeConte
Brachytarsoides Pierce
Key to western North American species: Valentine (1971)

T. alternatus (Say)	–	–	–	–	AB	–	MB	ON	–	–	–	–	–	–
T. annulatus (Carr)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–

T. griseus (LeConte)	–	–	–	–	AB	SK	–	–	–	–	–	–	–	–
T. limbatus (Say)	–	–	–	–	AB	SK	MB	ON	PQ	–	–	–	–	–
T. sticticus (Boheman)	–	–	NT	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
obsoletus (Fahreus)														
variegatus (Say)														
T. tomentosus tomentosus (Say)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
brevis (Fahreus)														
paululus (Casey)														

Tribe Ormiscini

Genus ORMISCUS Waterhouse
Eusphyrus LeConte
Gonops LeConte
Toxotropis LeConte

O. saltator LeConte	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
angulatus Pierce														
O. walshii (LeConte)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Tribe Tropiderini

Genus TROPIDERES Schönherr
Eurymycter LeConte
Gonotropis LeConte
Key to North American species: Valentine (1960)

T. dorsalis (Thunberg)*	AK	YK	NT	–	AB	SK	MB	–	PQ	–	–	–	–	NF
gibbosus (LeConte)														
T. fasciatus (Olivier)	–	–	–	BC	–	SK	MB	ON	PQ	–	–	–	–	–
bicarinatus (Pierce)														
T. latifascia (Pierce)	–	–	–	–	–	–	–	–	PQ	–	NS	–	–	–
T. tricarinatus (Pierce)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Tribe Allandrini

Genus ALLANDRUS LeConte
Key to North American species: Valentine (1960)

A. bifasciatus LeConte	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
A. brevicornis Frost	–	–	–	–	AB	–	MB	–	–	–	–	–	–	–
A. populi Pierce	AK	YK	–	–	AB	SK	–	ON	PQ	–	–	–	–	–

Family ITHYCERIDAE New York weevil

J. McNamara

Ithyceridae includes only one species. The adults feed on the tender shoots and buds of various hardwoods and occasionally on some cultivated fruit trees. The larvae feed on the roots of the host plants.

Sanborne (1981) studied the morphology of both larvae and adults, as well as the biology of the species.

ON (1); PQ (1)

Genus ITHYCERUS Schönherr
Pachyrhynchus Kirby

I. noveboracensis (Forster)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
curculionoides (Herbst)														
punctatulus (Fabricius)														
schoenherri (Kirby)														

Family ATTELABIDAE leaf-rolling weevils

J. McNamara

Four species of Attelabidae occur in Canada. The females form rolls from leaves and lay a single egg in each roll. The larvae feed on the inner part of the roll.

The classification used here follows that of Robert W. Hamilton (unpublished Ph.D. thesis, 1969), who revised the North American species.

SK (1); MB (2); ON (3); PQ (4); NB (1); NS (2)

Tribe Attelabini

Genus HIMATOLABUS Jekel														
H. pubescens (Say)	–	–	–	–	–	–	MB	ON	PQ	NB	NS	–	–	–
coloradoensis Voss														
disparipes (Chittenden)														
maculatus (Provancher)														
rhois (Boheman)														
Genus HOMOEOLABUS Jekel														
H. analis (Illiger)	–	–	–	–	–	SK	MB	ON	PQ	–	–	–	–	–
similis (Kirby)														
Genus ATTELABUS Linné														
(Subgenus SYNOLABUS Jekel)														
A. bipustulatus Fabricius	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
A. nigripes J.E. LeConte	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
genalis LeConte														

Family RHYNCHITIDAE leaf and bud weevils

J. McNamara

Rhynchitidae comprises 13 species and subspecies in Canada. Some lay their eggs in the young fruit or buds of trees that are then destroyed by the larvae; others feed on blossoms or foliage.

Robert W. Hamilton (unpublished Ph.D. thesis, 1969) revised the North American species of the family, but only parts of his work have been published to date; he also wrote a key to the North American genera (1971).

NT (3); BC (5); AB (6); SK (5); MB (6); ON (7); PQ (5); NB (3); NS (3); PE (2); NF (2)

Subfamily PTEROCOLINAE

Genus PTEROCOLUS Say														
Apotomus Kirby														
P. ovatus (Fabricius)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Subfamily RHYNCHITINAE

Tribe Rhynchitini

Genus EUGNAMPTUS Schönherr														
Key to North American species: Hamilton (1990)														
E. angustatus (Herbst)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
abdominalis Voss														
collaris (Fabricius)														
fuscipes Pierce														
nigripennis (Fabricius)														
nigripes Pierce														
rubricollis (Say)														
ruficeps Pierce														

ruficollis (Germar)
sulcifrons Gyllenhal

Genus PSELAPHORHYNCHITES Schilsky
Key to North American species: Hamilton (1971)

P. cyanellus (LeConte)	–	–	NT	–	AB	SK	MB	ON	PQ	NB	NS	PE	–	NF
P. perplexus (Blatchley)	–	–	–	–	–	–	–	ON	PQ	NB	NS	PE	–	–

Genus MERHYNCHITES Sharp
Key to North American species: Hamilton (1985)

M. bicolor bicolor (Fabricius)	–	–	NT	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
antennalis (Voss)														
intermedius (Voss)														
M. bicolor cerdonis (Voss)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
M. bicolor cockerelli (Pierce)	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
erythrosoma (Cockerell & Harris)														
M. bicolor nigricephalus Hamilton	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
M. wickhami wickhami (Cockerell)	–	–	NT	BC	AB	SK	MB	–	–	–	–	–	–	–
homocidae (Voss)														
mandibularis (Voss														

Genus HAPLORHYNCHITES Voss
Key to North American species: Hamilton (1974)

H. aeneus (Boheman)	–	–	–	–	–	SK	MB	–	–	–	–	–	–	–
consobrinus (Voss)														

Tribe Auletini

Genus AULETOBIUS Desbrochers
Key to North American subgenera: Hamilton (1983)

(Subgenus ALETINUS Desbrochers)

A. ater (LeConte)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–

(Subgenus MESAULETES Voss)

A. cassandrae (LeConte)	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	NF
albovestitus (Blatchley)														
blatchleyi Voss														
minor (Blatchley)														

(Subgenus AULETOBIUS s. str.)
Metopon Waterhouse

A. congruus (Walker)	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–
subcoeruleus LeConte														

Family BRENTIDAE brentid beetles

J. McNamara

Only one species of Brentidae, the oak timberworm, occurs in Canada. The adults are found under bark or in decayed wood. The larvae bore into the heartwood, often causing serious injury to oak stock.
ON (1); PQ (1)

Tribe Arrhenodini

Genus ARRHENODES Schönherr

A. minutus (Drury)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
brunneus (Panzer)														
lecontei (Power)														
maxillosus (Olivier)														
paupercula (Blatchley)														
sallei (Power)														
septentrionis (Herbst)														

Family APIONIDAE pear-shaped weevils

J. McNamara

Thirty-five species of Apionidae are recorded in Canada and Alaska. The larvae feed on leaves and stems, causing galls, or develop within the seeds of various plants. The adults usually feed on leaves.

Thanks to the work of Kissinger (1968), the taxonomy of the North and Central American species is well known.

AK (3); YK (3); NT (3); BC (12); AB (20); SK (13); MB (15); ON (17); PQ (13); NB (2); NS (2); NF (1)
• I (1)

Tribe Nanophyini

Genus NANOPHYES Schönherr
Nanodactylus Blatchley
Nanodes Schönherr
Pseudotychius Blatchley

(Subgenus NANOPHYES s. str.)

N. canadensis W.J. Brown	–	–	NT	–	AB	SK	MB	–	–	–	–	–	–	–

Tribe Apionini

Genus APION Herbst

(Subgenus ALOCENTRON Schilsky)

A. attenuatum Smith	–	–	–	BC	AB	–	MB	ON	PQ	–	–	–	–	–

(Subgenus CERATAPION Schilsky)

A. contusum Smith *notabile* Buchanan *spinipes* Fall	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
A. extensum Smith	–	–	–	–	–	SK	–	–	–	–	–	–	–	–

(Subgenus COELOCEPHALAPION Wagner)

A. carinatum Smith *concoloratum* Smith	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
A. emaciipes Fall	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
A. segnipes Say	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

(Subgenus EUTRICHAPION Reitter)

A. alaskanum Fall	AK	YK	NT	BC	AB	–	–	–	–	–	–	–	–	–
A. cavifrons LeConte	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
A. cyanitinctum Fall	AK	YK	NT	BC	AB	–	MB	–	PQ	–	–	–	–	–
A. huron Fall	–	–	–	–	AB	–	MB	ON	–	–	–	–	–	–

(Subgenus FALLAPION Kissinger)

A. finitimum Fall	–	–	–	BC	AB	SK	MB	ON	PQ	NB	–	–	–	–
A. impeditum Fall	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
A. melanarium Gerstaecker	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
A. occidentale Fall	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
A. pennsylvanicum Boheman *erythrocerum* Smith	–	–	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
A. robustum Smith *obesum* Smith	–	–	–	–	AB	SK	–	–	–	–	–	–	–	–
A. speculiferum Fall	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–

(Subgenus IXAPION Roudier & Tempere)
(*Ixias* Deville)

A. frosti Kissinger	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
A. idiastes Kissinger	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

(Subgenus PERAPION Wagner)

A. punctinasum Smith	–	–	–	BC	AB	SK	MB	ON	–	–	–	–	–	–
A. wickhami Kissinger	–	–	–	–	AB	SK	–	–	–	–	–	–	–	–

(Subgenus PSEUDAPION Schilsky)														
A. amaurum Kissinger	–	–	–	–	AB	–	MB	–	–	–	–	–	–	–
A. capitone Kissinger	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
A. disparatum Sharp	–	–	–	–	AB	–	MB	–	–	–	–	–	–	–
nasutum Fall														
(Subgenus RHOPALAPION Schilsky)														
A. longirostre Olivier†	–	–	–	BC	–	–	–	ON	PQ	–	–	–	–	–
(Subgenus TRICHAPION Wagner)														
A. centrale Fall	–	–	–	BC	AB	SK	MB	ON	–	–	–	–	–	–
A. commodum Fall	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
A. porcatum Boheman	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
A. proclive LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
crassinasum LeConte														
nunenmacheri Wagner														
A. reconditum Gyllenhal	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
turbulentum Smith														
A. simile Kirby	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
lanuginosum Walsh														
vicinum Smith														
walshii Smith														
A. tenuirostrum Smith	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
§														
A. antennatum Smith	AK	YK	–	BC	–	–	–	–	–	–	–	–	–	–

Tribe Aplemonini

Genus PODAPION Riley														
P. gallicola Riley	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
alexanderi Sleeper														

Family CURCULIONIDAE snout beetles or weevils

J. McNamara

The family Curculionidae includes 609 species and subspecies in Canada and Alaska. All of them are phytophagous. Most of the larvae live inside the tissues of the host plant, but some feed externally on the leaves. The adults feed on leaves, pollen, flowers, developing fruit, and fungi, and some burrow in wood; they do not necessarily feed on plants preferred by the larvae. Many weevils are host-specific and some are economic pests.

Kissinger (1964) wrote a key to the genera. O'Brien and Wibmer (1982) published a checklist of the North American species with supplements in 1984 and 1989, the latter under Wibmer and O'Brien. The classification used here follows that checklist.

AK (61); YK (51); NT (55); BC (261); AB (206); SK (124); MB (179); ON (312); PQ (280); NB (72); NS (91); PE (17); LB (11); NF (68) • H (14); I (69)

Subfamily BRACHYDERINAE
Tribe Naupactini

Genus ASYNONYCHUS Crotch														
A. cervinus (Boheman)†	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
fulleri (Horn)														

Tribe Barynotini

Genus TRIGONOSCUTA Motschulsky
Key to North American species: Pierce (1975)

(Subgenus TRIGONOSCUTA s. str.)

T. pilosa iridescens Pierce	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus STAMODERES Casey

S. lanei (Van Dyke)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus BARYNOTUS Germar
Key to North American species: Brown (1950)

B. moerens (Fabricius)†	–	–	–	–	–	–	–	–	–	–	NS	–	–	–
B. obscurus (Fabricius)†	–	–	–	BC	–	–	–	–	PQ	NB	NS	PE	–	NF
B. schoenherri (Zetterstedt)†	–	–	–	–	–	–	–	–	PQ	NB	NS	–	–	NF

Tribe Polydrosini

Genus POLYDRUSUS Germar
Cyphomimus Horn
Polydrosus Schönherr
Key to North American species: Sleeper (1957*a*)

P. americanus (Gyllenhal)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
dorsalis (Horn)														
P. cervinus (Linné)†	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
P. impressifrons (Gyllenhal)†	–	–	–	–	–	–	MB	ON	PQ	–	NS	–	–	–
P. sericeus (Schaller)†	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–

Genus PACHYRHINUS Schönherr
Scythropus Schönherr

P. californicus (Horn)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. elegans (Couper)	–	–	–	BC	AB	–	–	ON	PQ	–	NS	–	–	–
metallicus (Desbrochers)														
P. ferrugineus (Casey)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Tribe Brachyderini

Genus BARYPEITHES Jacquelin du Val & Fairmaire

B. pellucidus (Boheman)†	–	–	–	BC	–	–	–	ON	PQ	–	NS	PE	–	NF

Genus SCIAPHILUS Schönherr

S. asperatus (Bonsdorff)†	–	–	–	BC	–	–	–	ON	PQ	NB	NS	–	–	NF

Genus BRACHYSOMUS Schönherr
Thricolepoides O'Brien

B. echinatus (Bonsdorff)†	–	–	–	–	–	–	–	–	PQ	–	–	–	–	NF
clavisetis (O'Brien)														

Tribe Strophosomini

Genus STROPHOSOMA Billberg

S. melanogrammum (Forster)†	–	–	–	BC	–	–	–	ON	PQ	–	NS	–	–	NF

Tribe Cneorhinini

Genus PHILOPEDON Schönherr

P. plagiatum (Schaller)†	–	–	–	–	–	–	–	–	–	NB	NS	PE	–	NF

Tribe Sitonini

Genus SITONA Germar

S. californicus (Fahraeus)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
angustulus (Casey)														
apacheanus (Casey)														
cockerelli Blaisdell														
explicatus (Casey)														
extrusus (Casey)														
hispidiceps (Casey)														
oregonensis Tanner														
prominens (Casey)														
S. cylindricollis (Fahraeus)†	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	–
alpinensis Tanner														
S. hispidulus (Fabricius)†	AK	–	–	BC				ON	PQ	NB	NS	–	–	–
S. lepidus Gyllenhal	–	–	–	BC	AB	–	MB	ON	PQ	NB	NS	–	–	NF
S. lineatus (Linné)†	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
S. lineellus (Bonsdorff)†	–	YK	NT	BC	AB	SK	MB	ON	–	NB	NS	–	–	–
S. lupinus Sleeper	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
S. scissifrons Say	AK	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
vittatus (Couper)														
S. tibialis (Herbst)†	AK	–	–	BC	AB	–	–	ON	PQ	–	–	–	–	NF

Tribe Tanymecini

Genus MINYOMERUS Horn
Elissa Casey
Pseudelissa Casey

M. innocuus Horn	–	–	–	–	AB	–	–	–	–	–	–	–	–	–

Genus TANYMECUS Germar

T. confusus Say	–	–	NT	–	AB	SK	MB	–	–	–	–	–	–	–
confertus Gyllenhal														
variabilis Fahraeus														

Genus PANDELETEIUS Schönherr
Key to North American species: Howden (1959)

P. hilaris (Herbst)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
pauperculus Gyllenhal														

Subfamily OTIORHYNCHINAE
Tribe Otiorhynchini

Genus OTIORHYNCHUS Germar
Brachyrhinus Latreille
Key to North American species: Warner & Negley (1976)

O. desertus Rosenhauer†	–	–	–	–	–	–	–	–	–	–	–	–	–	NF
O. ligneus (Olivier)†	–	–	–	–	–	–	–	–	–	NB	NS	–	–	NF
O. ligustici (Linné)†	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
O. ovatus (Linné)†	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	LB	NF
O. porcatus (Herbst)†	–	–	–	–	–	–	–	–	PQ	–	–	–	–	NF
O. raucus (Fabricius)†	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
O. rugifrons (Gyllenhal)†	–	–	–	–	–	–	–	–	PQ	NB	NS	–	–	NF
O. rugosostriatus (Goeze)†	–	–	–	BC	–	–	–	ON	PQ	–	NS	–	–	–
O. scaber (Linné)†	–	–	–	–	–	–	–	–	–	–	NS	–	–	–
O. singularis (Linné)†	–	–	–	BC	–	–	–	ON	PQ	NB	NS	–	–	NF
picipes (Fabricius)														
O. sulcatus (Fabricius)†	AK	–	–	BC	–	–	MB	ON	PQ	NB	NS	PE	–	NF

Genus SCIOPITHES Horn

S. obscurus Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
angustulus Casey														
brumalis Casey														
significans Casey														

Curculionidae

Genus AGRONUS Horn														
A. carri Buchanan	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–

Tribe Peritelini

Genus OMIAS Germar														
O. erectus Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
O. minor Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
O. saccatus (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Genus PERITELINUS Casey														
P. oregonus Van Dyke	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. variegatus Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Genus GEODERCODES Casey														
G. latipennis Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Genus NEMOCESTES Van Dyke														
Key to North American species: Van Dyke (1936)														
N. horni Van Dyke	–	–	–	BC	–	–	–	ON	PQ	NB	NS		–	–
N. incomptus (Horn)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
N. montanus Van Dyke	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
N. puncticollis (Casey)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
sordidus Van Dyke														
N. tuberculatus Van Dyke	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Genus PARAPTOCHUS Seidlitz														
P. sellatus (Boheman)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
californicus Seidlitz														

Tribe Trachyphloeini

Genus TRACHYPHLOEUS Germar														
Chaetechus Horn														
Key to North American species: Brown (1965)														
T. aristatus (Gyllenhal)†	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
T. asperatus Boheman†	–	–	–	–	–	–	–	ON	–	–	NS	–	–	–
setiger (Horn)														
T. bifoveolatus (Beck)†	–	–	–	BC	AB	–	–	ON	PQ	NB	NS	PE	–	NF
davisi Blatchley														
Genus CERCOPEDIUS Sleeper														
C. artemisiae (Pierce)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
parvulus (Van Dyke)														

Tribe Hormorini

Genus HORMORUS Horn														
H. undulatus (Uhler)	–	–	–	–	AB	–	MB	ON	PQ	NB	NS	–	–	–
Genus AGASPHAEROPS Horn														
A. niger Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
sulcirostris (Pierce)														

Tribe Phyllobiini

Genus PHYLLOBIUS Germar														
P. glaucus (Scopoli)†	–	–	–	–	–	–	–	–	–	–	–	–	–	–
P. oblongus (Linné)†	–	–	–	BC	–	–	–	ON	PQ	NB	–	PE	–	–
Genus EVOTUS LeConte														
E. naso (LeConte)	–	–	NT	BC	AB	SK	–	–	–	–	–	–	–	–

Genus APHRASTUS Say
Micronychus Provancher

A. taeniatus Say	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
sulcatus (Provancher)														

Tribe Leptopiini

Genus PHYXELIS Schönherr
Geoderces Horn

P. rigidus (Say)	–	–	–	–	–	–	–	ON	PQ	NB	NS	PE	–	NF
glomerosus Boheman														
melanothrix (Kirby)														
setiferus Boheman														

Genus LEPIDOPHORUS Kirby
Lophalophus LeConte
Key to North American species: Buchanan (1936*b*)

L. inquinatus (Mannerheim)	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
L. lineaticollis Kirby	AK	YK	NT	BC	–	–	–	–	–	–	–	–	–	–
L. pumilus Buchanan	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–

Genus CIMBOCERA Horn

C. pauper Horn	–	–	–	–	AB	–	–	–	–	–	–	–	–	–

Genus PLINTHODES LeConte

P. taeniatus (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus TRICHALOPHUS LeConte

T. alternatus (Say)	–	YK	–	BC	AB	–	MB	ON	–	–	–	–	–	–
T. brunneus Van Dyke	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
T. didymus (LeConte)	AK	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–
constrictus (LeConte)														
T. seriatus (Mannerheim)	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
T. simplex LeConte	–	–	NT	–	AB	SK	MB	–	–	–	–	–	–	–
T. stefanssoni Leng	AK	–	NT	–	–	–	–	–	–	–	–	–	–	–

Genus LEPESOMA Motschulsky
Amnesia Horn
Dyslobus LeConte
Melamomphus Horn
Thricomigus Horn
Key to North American species: Van Dyke (1933)

L. alternatum (Horn)	–	–	–	BC	AB	SK	–	–	–	–	–	–	–	–
L. bakeri (Van Dyke)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
L. decoratum (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
L. granicolle granicolle (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
debilis (Casey)														
discors (Casey)														
sculptilis (Casey)														
L. lecontei (Casey)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
L. luteum (Horn)	–	–	–	BC	–	SK	–	–	–	–	–	–	–	–
L. raucum (Horn)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
ciliatum (Pierce)														
L. tanneri (Van Dyke)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
L. ursinum (Horn)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
L. verruciferum (Casey)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
bituberculatum (Pierce)														

Genus PANSCOPUS Schönherr
Key to North American species: Buchanan (1936*a*)

(Subgenus NEOPANSCOPUS Pierce)

P. aequalis (Horn)	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–
vestitus (Casey)														

(Subgenus NOCHELES LeConte)
(*Panscopidius* Pierce)

P. torpidus (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

(Subgenus NOMIDUS Casey)														
P. abruptus (Casey)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. ovalis Pierce	–	–	–	BC	AB	SK	–	–	–	–	–	–	–	–
P. pallidus Buchanan	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
P. rugicollis Buchanan	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
(Subgenus PANSCOPUS s. str.)														
P. erinaceus (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
carinatus Pierce														
(Subgenus PARAPANSCOPUS Buchanan)														
P. maculosus Blatchley	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
P. ovatipennis Buchanan	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
(Subgenus PHYMATINUS LeConte)														
P. gemmatus (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
(Subgenus PSEUDOPANSCOPUS Buchanan)														
P. costatus Buchanan	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
Genus CONNATICHELA Anderson														
C. artemisiae Anderson	AK	YK	NT	–	–	–	–	–	–	–	–	–	–	–
Genus ANAMETIS Horn														
A. granulata (Say)	–	–	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	NF
grisea Horn														
Genus TROPIPHORUS Schönherr														
T. elevatus (Herbst)†	–	–	–	–	–	–	–	–	–	–	–	–	–	NF
carinatus (O.F. Müller)														
T. obtusus (Bonsdorff)†	–	–	–	–	–	–	–	–	–	–	NS	–	–	NF
T. terricola (Newman)†	–	–	–	–	–	–	–	–	PQ	–	NS	PE	–	NF

Tribe Ophryastini

Key to North American species: Kissinger (1970)

Genus OPHRYASTES Say														
Amydrogmus Pierce														
Eupagoderes Horn														
Tosastes Sharp														
O. cinerascens (Pierce)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
columbianus (Van Dyke)														
O. sulcirostris (Say)	–	–	NT	–	AB	SK	MB	–	–	–	–	–	–	–
ligatus LeConte														
O. tuberosus LeConte	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
collaris Champion														

Subfamily EREMNINAE

Tribe Cyphicerini

Genus CYRTEPISTOMUS Marshall														
C. castaneus (Roelofs)†	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
Genus CALOMYCTERUS Roelofs														
C. setarius Roelofs†	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Subfamily RHYTIRRHININAE

Genus LISTRONOTUS Jekel														
Hyperodes Jekel														
Macrops Kirby														
Key to North American species: Henderson (1940); O'Brien (1981)														
L. alternatus (Dietz)	–	–	–	–	–	–	–	–	PQ	NB	–	–	–	–
L. anthracinus (Dietz)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

L. appendiculatus (Boheman)	–	–	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
floridensis Blatchley														
impressus Van Dyke														
leucozonatus Chittenden														
L. californicus (Dietz)	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
L. caudatus (Say)	–	–	–	BC	–	–	–	ON	PQ	–	–	–	–	–
L. delumbis (Gyllenhal)	–	–	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
indistinctus (Dietz)														
schwarzi (LeConte)														
solutus (Boheman)														
spurcus (Boheman)														
L. echinodori O'Brien	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
L. frontalis LeConte	–	–	–	BC	AB	SK	–	ON	PQ	–	–	–	–	–
L. humilis (Gyllenhal)	AK	–	–	BC	–	–	–	–	PQ	–	–	–	–	NF
subcribratus (Dietz)														
L. maculicollis (Kirby)	AK	YK	–	BC	AB	–	–	–	PQ	–	–	–	–	–
mirabilis (Dietz)														
myasellus (Dietz)														
L. montanus (Dietz)	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
L. oregonensis oregonensis (LeConte)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
impressifrons LeConte														
rudipennis Blatchley														
L. oregonensis tessellatus Casey	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
L. porcellus (Say)	–	–	–	BC	–	–	–	–	PQ	–	–	–	–	–
minimus (Blatchley)														
L. punctiger LeConte	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
gracilis LeConte														
leechi Sleeper														
L. sordidus (Gyllenhal)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
distinguendus (Gyllenhal)														
obliquus LeConte														
L. sparsus (Say)	–	–	NT	–	AB	–	MB	ON	PQ	–	–	–	–	–
imbellis (Dietz)														
immundus (Boheman)														
latiusculus (Boheman)														
lineatulus (Say)														
longulus (Dietz)														
squalidus (Gyllenhal)														
L. squamiger (Say)	–	–	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
inaequalipennis (Boheman)														
L. truncatus (Hatch)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
L. tuberosus LeConte	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
L. vitticollis (Kirby)	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
interpunctatulus (Dietz)														
interstitialis (Dietz)														
tenebrosus (Dietz)														
ulkei (Dietz)														

Genus LIXELLUS LeConte
Anchodemus LeConte

L. filiformis LeConte	–	YK	NT	BC	AB	SK	MB	–	PQ	–	–	–	–	–
L. lutulentus (Boheman)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
angustus (LeConte)														

Genus BYRSOPAGES Schönherr

B. carinatus Motschulsky	AK	–	–	–	–	–	–	–	–	–	–	–	–	–

Subfamily THECESTERNINAE

Genus THECESTERNUS Say
Lithodus Germar

T. affinis (LeConte)	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
erosus (LeConte)														
morbillosus (LeConte)														
rectus (LeConte)														
rudis (LeConte)														
T. humeralis (Say)	–	–	–	–	AB	–	–	–	–	–	–	–	–	–

Subfamily HYPERINAE
Tribe Hyperini

Genus HYPERA Germar														
Phytonomus Schönherr														
H. castor (LeConte)	–	–	–	–	–	SK	MB	–	PQ	–	–	–	–	–
H. compta (Say)	–	–	–	BC	–	–	–	ON	PQ	–	–	–	–	–
diversa (Gyllenhal)														
H. diversipunctata (Schrank)*	AK	–	–	–	AB	SK	–	ON	–	–	–	–	–	–
H. eximia (LeConte)	–	–	–	–	AB	–	MB	ON	–	–	–	–	–	–
H. meles (Fabricius)†	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
H. nigrirostris (Fabricius)†	–	–	–	BC	–	–	–	ON	PQ	NB	NS	PE	–	NF
viridis (Provancher)														
H. postica (Gyllenhal)†	–	–	–	–	AB	–	–	ON	PQ	–	NS	–	–	–
H. pubicollis (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
H. punctata (Fabricius)†	–	–	–	BC	–	–	–	ON	PQ	–	NS	–	–	NF
opimus (LeConte)														
H. quadricollis (LeConte)	–	–	–	–	AB	–	MB	–	–	–	–	–	–	–
H. rumicis (Linné)†	–	–	–	–	AB	SK	MB	ON	–	–	–	–	–	–
H. seriata (Mannerheim)	AK	YK	–	–	–	–	–	–	–	–	–	–	–	–
H. trivittata (Say)	–	–	NT	BC	AB	–	MB	–	–	–	–	–	–	–
setigera (LeConte)														

Subfamily CLEONINAE
Tribe Cleonini

Key to New World species: Anderson (1988)

Genus CLEONIS Dejean														
Cleonus Schönherr														
Geomorus Schönherr														
C. pigra (Scopoli)†	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
Genus STEPHANOCLEONUS Motschulsky														
Coniocleonus Motschulsky														
S. confusus R.S. Anderson	–	–	NT	–	AB	SK	–	–	–	–	–	–	–	–
S. cristaticollis (Csiki)	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
cristatus LeConte														
S. immaculatus R.S. Anderson	–	–	NT	BC	AB	SK	MB	ON	–	–	–	–	–	–
S. parshus R.S. Anderson	–	–	NT	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
S. plumbeus LeConte	–	–	–	–	AB	SK	MB	–	PQ	–	–	–	–	NF
S. zherichini Ter-Minassian & Korotyaev*	–	YK	–	–	–	–	–	–	–	–	–	–	–	–
stenothorax R.S. Anderson														
Genus CLEONIDIUS Casey														
Lixestus Reitter														
C. calandroides (Randall)	–	–	–	–	–	–	–	–	PQ	NB	–	–	–	–
C. erysimi (Fall)	–	–	–	BC	AB	–	MB	–	–	–	–	–	–	–
C. frontalis (LeConte)	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
sparsus (LeConte)														
stratus (Csiki)														
C. longinasus R.S. Anderson	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
mixtus (LeConte)														
C. poricollis (Mannerheim)	–	–	–	BC	AB	SK	–	–	–	–	–	–	–	–
kirbyi (Casey)														
lobigerinus (Casey)														
virgatus (LeConte)														
vittatus (Kirby)														
C. puberulus (LeConte)	–	–	–	–	AB	–	MB	–	–	–	–	–	–	–
C. trivittatus (Say)	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–
bicarinatus (Casey)														
inornatus (LeConte)														
praepotens (Say)														

Tribe Lixini

Genus LIXUS Fabricius

L. caudifer LeConte	–	–	–	BC	–	–	MB	–	–	–	–	–	–	–
L. concavus Say	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
coloradensis Chittenden														
crassulus Notman														
rectus LeConte														
soror Casey														
L. laramiensis Casey	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
bischoffi Fall														
L. macer LeConte	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
blatchleyi Csiki														
capitatus Chittenden														
cavicollis Blatchley														
novellus Blatchley														
L. mucidus LeConte	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
morulus Blatchley														
L. parcus LeConte	–	–	–	–	AB	–	–	ON	–	–	–	–	–	–
pygmaeus Casey														
L. punctinasus LeConte	–	–	–	–	–	–	–	–	–	–	–	–	–	–
albisetiger Chittenden														
elephantulus Chittenden														
planicollis Chittenden														
L. rubellus Randall	–	–	NT	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
auctus LeConte														
L. terminalis LeConte	–	–	–	–	AB	–	MB	ON	–	–	–	–	–	–
blakeae Chittenden														

Tribe Rhinocyllini

Genus RHINOCYLLUS Germar

R. conicus (Frolich)†	–	–	–	–	–	SK	–	ON	PQ	–	–	–	–	–

Subfamily MOLYTINAE
Tribe Emphyastini

Genus EMPHYASTES Mannerheim

E. fucicola Mannerheim	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus THALASSELEPHAS Egorov & Korotyaev
Neophycocoetes O'Brien & Wibmer
Phycocoetes LeConte

T. testaceus (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Tribe Hylobiini

Genus LEPYRUS Germar
Key to North American species: Van Dyke (1928*b*)

L. capucinus (Schaller)	–	–	NT	–	–	–	–	–	–	–	–	–	–	–
L. gemellus gemellus Kirby	AK	YK	NT	BC	–	–	–	–	–	–	–	–	–	–
L. labradorensis Blair	–	–	NT	–	–	–	–	–	PQ	–	–	–	LB	–
L. nordenskioeldi alternans Casey	–	–	–	–	–	–	–	–	–	–	–	–	LB	–
L. nordenskioeldi caesius Csiki	AK	YK	–	–	–	–	–	–	–	–	–	–	–	–
cinereus Van Dyke														
L. nordenskioeldi canadensis Casey	AK	–	NT	BC	AB	SK	–	–	–	–	–	–	–	–
L. oregonus oregonus Casey	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
perforatus Casey														
L. oregonus tessellatus Van Dyke	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
L. palustris (Scopoli)*	–	–	NT	BC	AB	–	MB	ON	PQ	–	–	–	LB	–
colon (Linné)														
geminatus Say														

Genus HYLOBIUS Germar
Hypomolyx LeConte
Key to North American species: Millers, Benjamin, and Warner (1963)

H. congener Dalla Torre, Schenkling & Marshall *confusus* Kirby	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	LB	NF
H. pales (Herbst) *macellus* (Germar)	–	–	–	–	AB	–	–	ON	PQ	–	NS	–	–	–
H. pinicola (Couper)	–	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	LB	NF
H. radicis Buchanan	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
H. warreni Wood	–	–	–	BC	AB	–	MB	ON	PQ	NB	NS	–	–	NF

Genus PACHYLOBIUS LeConte

P. picivorus (Germar) *stupidus* (Boheman)	–	–	–	–	–	–	–	ON	–	–	–	–	LB	–

Tribe Plinthini

Genus STEREMNIUS Schönherr
Paraplinthus Faust

S. carinatus (Boheman)	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
S. tuberosus Gyllenhal *scrobiculatus* (Mannerheim)	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus STHEREUS Motschulsky
Lobosoma Buchanan
Philostratus Zimmerman
Key to North American species: Zimmerman (1964)

S. horridus (Mannerheim)	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
S. multituberculatus Buchanan	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
S. ptinoides (Germar)* *borealis* Motschulsky *fasciculatus* Motschulsky	AK	–	–	BC	–	–	–	–	–	–	NS	–	–	NF
S. quadrituberculatus Motschulsky	AK	–	–	BC	–	SK	–	–	–	–	–	–	–	–

Genus GASTROTAPHRUS Buchanan

G. barberi Buchanan	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Subfamily ACICNEMIDINAE

Genus TRACHODES Germar

T. hispidus (Linné)†	–	–	–	–	–	–	–	–	–	–	–	–	–	NF

Subfamily PISSODINAE

Genus PISSODES Germar

P. affinis Randall *curriei* Hopkins	–	–	NT	BC	AB	–	–	ON	PQ	NB	NS	–	–	NF
P. costatus Mannerheim	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. fasciatus LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. fiskei Hopkins	–	YK	–	BC	AB	SK	MB	ON	PQ	NB	–	–	–	–
P. nemorensis Germar *approximatus* Hopkins *canadensis* Hopkins *deodarae* Hopkins	–	–	–	–	–	–	MB	ON	PQ	NB	NS	–	–	–
P. radiatae Hopkins	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. rotundatus LeConte *alascensis* Hopkins *nigrae* Hopkins	AK	YK	–	BC	AB	–	MB	ON	PQ	NB	NS	–	–	–
P. schwarzi Hopkins *yosemite* Hopkins	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
P. similis Hopkins *utahensis* Hopkins	–	–	–	BC	–	–	–	–	PQ	–	NS	–	–	NF
P. striatulus (Fabricius) *dubius* Randall *fraseri* Hopkins *piperi* Hopkins	–	–	–	BC	–	–	MB	ON	PQ	NB	NS	–	–	NF
P. strobi (Peck)	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	NF

engelmanni Hopkins														
sitchensis Hopkins														
P. terminalis Hopping	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Subfamily ERIRHININAE
Tribe Erirhinini

Genus DORYTOMUS Germar
Alycodes Dietz
Key to North American species: O'Brien (1970*b*)

D. brevicollis LeConte	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
dubius (Dietz)														
fuscipes Casey														
indifferens Casey														
D. frostii Blatchley	–	YK	NT	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
D. hirtus LeConte	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
columbianus Sleeper														
hispidus LeConte														
nubeculinus Casey														
D. imbecillus Faust	AK	YK	NT	–	AB	–	–	ON	PQ	–	–	–	–	–
alaskanus Casey														
subsimilis Blatchley														
D. inaequalis Casey	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–
D. laticollis LeConte	AK	–	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
D. lecontei O'Brien	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
D. leucophyllus (Motschulsky)	AK	YK	NT	BC	–	–	–	–	–	–	–	–	–	–
adustus Motschulsky														
bajulus Faust														
longulus LeConte														
subsignatus (Mannerheim)														
tessellatus Motschulsky														
D. luridus (Mannerheim)	AK	YK	NT	BC	AB	SK	–	–	PQ	–	NS	–	–	–
cuneatulus Casey														
D. mannerheimi (Gemminger)	AK	–	NT	BC	AB	–	MB	–	PQ	–	–	–	–	–
vestitus (Mannerheim)														
D. marmoreus Casey	AK	–	–	–	AB	–	–	ON	PQ	–	NS	–	–	–
D. mucidus (Say)	–	–	–	–	AB	–	–	–	PQ	–	–	–	–	–
D. parvicollis Casey	–	–	–	BC	AB	SK	MB	ON	PQ	NB	–	–	–	NF
amplus Casey														
D. rufulus (Mannerheim)	AK	YK	NT	BC	AB	–	–	ON	PQ	–	NS	–	–	–
D. squamosus LeConte	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
angustatus (Dietz)														
tesselatus (Walsh)														
D. vagenotatus Casey	–	YK	NT	BC	AB	SK	MB	ON	PQ	–	–	–	–	NF

Genus ERIRHINUS Schönherr

E. aethiops (Fabricius)*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	NS	–	LB	NF
morio Mannerheim														

Genus GRYPUS Germar
Grypidius Schönherr
Key to species: Cawthra (1957)

G. brunnirostris (Fabricius)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
G. equiseti (Fabricius)*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
G. leechi (Cawthra)	–	–	–	BC	AB	SK	MB	ON	–	–	–	–	–	–

Genus NOTARIS Germar
Key to North American species: Buchanan (1927)

N. bimaculatus (Fabricius)	–	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
wyomingensis Chittenden														
N. flavipilosus Chittenden	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
N. puncticollis (LeConte)	–	–	NT	BC	AB	SK	MB	ON	PQ	–	NS	–	–	NF

Genus PROCAS Stephens

P. lecontei Bedel	–	YK	NT	–	–	–	MB	ON	PQ	–	–	–	–	–

Tribe Smicronychini

Genus SMICRONYX Schönherr
Key to North American species: Anderson (1962)

(Subgenus DESMORIS LeConte)

S. fulvus LeConte	–	–	–	–	AB	SK	–	ON	–	–	–	–	–	–
S. humilis (Dietz)	–	–	–	–	–	SK	MB	–	–	–	–	–	–	–
S. incertus (Dietz)	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
rusticus Dietz														
vitiosus Dietz														
S. pinguis Blatchley	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
S. sordidus LeConte	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
montanus (Dietz)														

(Subgenus PACHYPHANES Dietz)
(*Pachytychius* LeConte)

S. amoenus (Say)	–	–	–	–	–	SK	MB	–	–	–	–	–	–	–
S. centralis (Dietz)	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
lateralis (Dietz)														
S. discoideus (LeConte)	–	–	–	–	–	SK	MB	ON	–	–	–	–	–	–
carus (Dietz)														

(Subgenus PSEUDOSMICRONYX Dietz)
(*Synertha* Dietz)

S. commixtus Dietz	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
caseyi Blatchley														
S. corniculatus (Fahraeus)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
columbianus Dietz														
connivens Casey														
fallaciosus Klima														
fallax Dietz														
launginosus Dietz														
spurcus Casey														
squamulatus LeConte														
S. flavicans LeConte	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
dietzi Klima														
maculatus Dietz														
nebulosus Dietz														
ornatipennis Dietz														
S. squalidus Casey	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
cinerascens Dietz														
morio Dietz														
S. tessellatus Dietz	–	–	–	–	–	–	MB	ON	–	–	–	–	–	–
impressirostris Dietz														
S. utilis Buchanan	–	–	–	–	AB	SK	–	–	–	–	–	–	–	–

(Subgenus SMICRONYX s. str.)

S. cinereus (Motschulsky)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
perplexus Dietz														
S. congestus Casey	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
S. sculpticollis Casey	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
gibbirostris Casey														
sagittatus Casey														
S. tychoides LeConte	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
S. vestitus LeConte	–	–	–	–	AB	–	MB	–	–	–	–	–	–	–

Genus PROMECOTARSUS Casey

P. densus Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. fumatus Casey	–	–	–	–	–	SK	–	–	–	–	–	–	–	–

Tribe Tanysphyrini

Genus TANYSPHYRUS Germar

T. ater Blatchley	–	–	–	BC	–	SK	–	ON	–	–	–	–	–	–
makolskii Smreczynski														
T. lemnae (Fabricius)†	–	–	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	–

Tribe Bagoini

Genus BAGOUS Germar
Key to North American species: Tanner (1943)

B. americanus LeConte	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
B. atratus Blatchley	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
B. bituberosus LeConte	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
B. blanchardi Blatchley	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
B. magister LeConte	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
B. mamillatus Say	–	–	–	–	AB	–	–	ON	PQ	–	–	–	–	–
B. nebulosus LeConte	–	–	–	BC	AB	SK	–	–	–	NB	–	–	–	–
ochraceus Blatchley														
B. obliquus LeConte	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
B. planatus LeConte	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
B. restrictus LeConte	–	–	–	BC	–	–	–	ON	PQ	–	–	–	–	–
B. tanneri O'Brien	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
longirostrus Tanner														
B. transversus LeConte	–	–	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
carinatus Blatchley														

Genus LISSORHOPTRUS LeConte
Key to species: Kuschel (1951)

L. oryzophilus Kuschel	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
L. simplex (Say)	–	–	–	–	AB	–	–	ON	PQ	–	–	–	–	–
egenus (Gyllenhal)														

Genus BRACHYBAMUS Germar

B. electus Germar	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
inceratus Boheman														

Genus NOTIODES Schönherr
Endalus Castelnau
Notionomus Erichson
Notiophilus Schönherr
Key to North American species: Tanner (1943)

N. aeratus (LeConte)	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
N. limatulus (Gyllenhal)	–	–	–	–	AB	SK	MB	ON	PQ	–	–	–	–	–
N. ovalis (LeConte)	–	–	–	–	AB	–	–	ON	PQ	–	–	–	–	–
N. punctatus (LeConte)	–	–	–	BC	AB	–	MB	–	–	–	–	–	–	–

Genus ONYCHYLIS LeConte
Key to North American species: Burke (1961)

O. nigrirostris (Boheman)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Tribe Derelomini

Genus PHYLLOTROX Schönherr
Euclyptus Dietz

P. ferrugineus LeConte	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
testaceus (Dietz)														
P. nubifer LeConte	–	–	–	BC	AB	–	MB	–	–	–	–	–	–	–
fulvipennis Sleeper														
P. rutilus (Fall)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus ACALYPTUS Schönherr

A. carpini (Herbst)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	–	–	–	–	–

Subfamily OTIDOCEPHALINAE
Tribe Otidocephalini

Genus MYRMEX Sturm
Otidocephalus Chevrolat

M. chevrolatii (Horn)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
myrmecodes (Chevrolat)														
M. laevicollis (Horn)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

M. myrmex (Herbst)	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
americanus (Chevrolat)														
herbstii Sturm														
myrmecodes (Say)														

Subfamily MAGDALINAE
Tribe Magdalini

Genus MAGDALIS Germar

M. aenescens LeConte	AK	–	–	BC	AB	–	–	–	–	–	–	–	–	–
M. alutacea LeConte	AK	YK	NT	BC	AB	–	–	–	PQ	–	–	–	–	–
M. armicollis (Say)	–	–	–	–	–	SK	–	ON	PQ	–	–	–	–	–
pallida (Say)														
M. austera austera Fall	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
M. austera substriga Fall	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
M. barbita (Say)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
M. cuneiformis Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
M. gentilis LeConte	–	YK	–	BC	AB	SK	–	–	PQ	–	–	–	–	–
M. gracilis (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
M. hispoides LeConte	–	YK	–	BC	AB	–	–	ON	PQ	–	–	–	–	NF
M. imbellis (LeConte)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
M. inconspicua Horn	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
M. lecontei decepta Sleeper	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
M. olyra (Herbst)	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
brunnipes (Gyllenhal)														
M. pandura (Say)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
M. perforata Horn	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
M. piceae Buchanan	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
M. salicis Horn	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
M. subtincta LeConte	–	–	–	BC	AB	SK	–	–	–	–	–	–	–	–

Tribe Laemosaccini

Genus LAEMOSACCUS Schönherr

L. nephele (Herbst)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
plagiatus (Fabricius)														

Subfamily CURCULIONINAE

Genus CURCULIO Linné
Balaninus Germar
Key to North American species: Gibson (1969)

C. aurivestis Chittenden	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
brevinasus Chittenden														
C. caryae (Horn)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
C. caryatrypes (Boheman)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
cylindricollis (Casey)														
hariolus (Casey)														
picus (Boheman)														
C. confusor (Hamilton)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
C. iowensis (Casey)	–	–	–	–	–	SK	MB	ON	PQ	–	NS	–	–	–
exilis Chittenden														
funicularis Chittenden														
ibis Chittenden														
numenius Chittenden														
C. nasicus (Say)	–	–	–	–	–	–	–	ON	PQ	NB	NS	PE	–	–
auctus (Casey)														
ordinatus (Casey)														
C. obtusus (Blanchard)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
neocorylus Gibson														
C. pardalis (Chittenden)	–	–	–	–	–	–	MB	ON	–	–	–	–	–	–
appalachius (Casey														
multifasciatus Chittenden														
parvicollis (Casey)														
C. proboscideus Fabricius	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
cuneatus (Casey)														
nasutus (Say)														

quercus (Horn)														
rectirostris (Gyllenhal)														
rectus (Say)														
rostratus (Gyllenhal)														
sparsellus (Casey)														
C. sayi (Gyllenhal)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
acuminatus (Casey)														
algonquinus (Casey)														
auriger (Casey)														
macilentus (Casey)														
mollis (Casey)														
perexilis (Casey)														
setosicornis (Casey)														
sparsus (Gyllenhal)														
strigosus (Casey)														
C. strictus (Casey)	–	–	–	–	–	–	MB	ON	–	–	–	–	–	–
longipes (Casey)														
tubulatus (Casey)														
utensis (Casey)														
virginicus (Casey)														
C. sulcatulus (Casey)	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
baculi (Chittenden)														
curtus (Chittenden)														
striatus Chittenden														
C. uniformis (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
occidentis (Casey)														

Subfamily ANTHONOMINAE

Genus MACRORHOPTUS LeConte
Key to North American species: Sleeper (1957*b*)

M. hispidus Dietz	–	–	–	–	AB	SK	–	–	–	–	–	–	–	–
M. sidalceae Sleeper	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Tribe Anthonomini

Genus ANTHONOMOPSIS Dietz

A. mixta (LeConte)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Genus CHELONYCHUS Dietz

C. longipes Dietz	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–

Genus ANTHONOMUS Germar
Anthomorphus Weise
Cnemocyllus Dietz
Paranthonomus Dietz
Sexarthrus Blatchley
Tachypterellus Fall & Cockerell
Tachypterus Dietz

A. confusus Dietz	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
A. consimilis Dietz	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
A. consors (Dietz)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. convictus Gates	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
A. corvulus LeConte	–	–	–	BC	AB	–	MB	ON	PQ	NB	NS	–	–	NF
A. deceptus Sleeper	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. elongatus LeConte	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
A. haematopus Boheman	–	–	–	BC	AB	SK	MB	ON	PQ	–	NS	–	–	–
sycophanta Walsh														
A. hirtus Leconte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. interstitialis Dietz	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
A. lecontei Burke	–	–	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
variegatus LeConte														
A. melancholicus Dietz	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
murinus Dietz														
A. molochinus Dietz	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
A. musculus Say	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
sulcifrons LeConte														
A. nebulosus LeConte	–	–	–	BC	–	–	–	ON	PQ	–	–	–	–	–

A. nigrinus Boheman	–	–	NT	–	–	–	–	–	PQ	–	–	–	–	–
A. ochreopilosus Dietz	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. pictus Blatchley	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
A. profundus LeConte	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
vulpinus Dietz														
A. quadrigibbus (Say)	–	–	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
cerasi (List)														
magna (List)														
A. quesnelensis Sleeper	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
A. robustulus LeConte	–	–	–	–	AB	SK	–	–	–	–	–	–	–	–
A. rubidus LeConte	–	–	–	BC	–	–	–	ON	PQ	–	–	–	–	–
A. rubricus Schenkling & Marshall	–	–	–	BC	–	–	MB	–	–	–	–	–	–	–
rubellus Dietz														
A. rufipes LeConte	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
A. rutilus (Boheman)	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
nubiloides Fall														
A. signatus Say	–	–	–	BC	AB	SK	MB	ON	PQ	–	NS	PE	–	NF
bisignatus Gyllenhal														
pallidus Dietz														
scutellatus Gyllenhal														
A. simiolus Blatchley	–	–	–	–	–	–	–	–	PQ	NB	–	–	–	–
A. sphaeralciae Fall	–	–	–	–	AB	–	MB	–	–	–	–	–	–	–
A. squamosus LeConte	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–
A. squamulatus Dietz	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
A. subfasciatus LeConte	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
latiusculus Dietz														
xantus Blatchley														
A. suturalis LeConte	–	–	–	BC	–	–	–	ON	–	–	–	–	–	–
erythropterus Say														
flavicornis Boheman														
hicoriae Pierce														
vespertinus Dietz														
A. tectus LeConte	–	–	–	–	–	SK	MB	–	–	–	–	–	–	–
A. xanthocnemus Dietz	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Genus COCCOTORUS LeConte
Key to North American species: Brown (1966)

C. pumilae major (W.J. Brown)	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
C. pumilae pumilae (W.J. Brown)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
C. scutellaris (LeConte)	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
prunicida (Walsh)														

Genus DIETZIANUS Sleeper
Xanthus Dietz

D. pygmaeus (Dietz)	–	–	–	–	–	–	MB	–	–	–	–	–	–	–

Tribe Bradybatini

Genus PSEUDANTHONOMUS Dietz
Key to North American species: Clark (1987)

P. crataegi (Walsh)	–	–	–	–	AB	SK	MB	ON	PQ	NB	NS	–	–	–
brunneus Dietz														
longulus Dietz														
parvulus Dietz														
puncticollis Blatchley														
P. helvolus (Boheman)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
hamamelidis Pierce														
incipiens Dietz														
relictus Dietz														
P. rufulus Dietz	–	–	–	–	–	–	MB	–	PQ	–	–	–	–	–
P. seriesetosus Dietz	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
P. validus Dietz	–	YT	–	BC	AB	–	MB	ON	PQ	NB	NS	–	–	–
facetus Dietz														

Subfamily RHYNCHAENINAE

Key to North American species: Anderson (1989)

Genus RHYNCHAENUS Clairville
Orchestes Illiger

R. griseus Sleeper	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
R. mixtus (Blatchley)	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	–
R. pallicornis (Say)	–	–	–	BC	AB	–	MB	ON	PQ	NB	NS	–	–	NF
puberulus (Boheman)														
uniformis (W.J. Brown)														
R. testaceus (O.F. Müller)*	AK	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
canus (Horn)														
pallidior (Leng)														

Genus TACHYERGES Schönherr

T. ephippiatus (Say)	–	–	–	BC	AB	SK	MB	ON	PQ	NB	–	–	–	–
T. niger (Horn)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	LB	–
illinoisensis (Fall)														
parvicollis (LeConte)														
T. salicis (Linné)*	–	–	NT	BC	AB	SK	MB	ON	PQ	–	NS	–	–	NF
subhirtus (Horn)														

Genus ISOCHNUS C.G. Thomson

I. arcticus (Korotyaev)*	AK	–	NT	–	–	–	–	–	–	–	–	–	–	–
I. flagellum (Erichson)*	AK	YK	NT	–	–	–	–	–	–	–	–	–	–	–
I. rufipes (LeConte)	–	–	–	BC	AB	–	MB	ON	PQ	–	NS	–	–	NF
minutus (Horn)														
I. populicola (Silfverberg)†	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–

Subfamily PRIONOMERINAE

Tribe Prionomerini

Genus ODONTOPUS Say

O. calceatus (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
carbonarius (Gyllenhal)														

Tribe Piazorhinini

Genus PIAZORHINUS Schönherr

P. pictus LeConte	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
P. scutellaris (Say)	–	–	–	–	–	–	MB	ON	PQ	–	NS	–	–	–

Subfamily TYCHIINAE

Tribe Elleschini

Genus ELLESCHUS Dejean
Alyca LeConte

E. bipunctatus (Linné)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
E. borealis Carr	AK	YK	–	–	AB	–	MB	–	–	–	–	–	–	–
E. ephippiatus (Say)	–	YK	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	NF
rufus (Say)														
E. scanicus (Paykull)	–	–	–	–	AB	SK	–	ON	PQ	–	–	–	–	–

Genus PROCTORUS LeConte
Encalus LeConte

P. armatus LeConte	AK	–	NT	BC	AB	SK	MB	ON	PQ	NB	–	–	–	–
P. decipiens (LeConte)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	–

Tribe Lignyodini

Key to genera: Clark (1982)

Genus LIGNYODES Dejean
Key to North American species: Clark (1980)

(Subgenus LIGNYODES s. str.)
(*Thysanocnemis* LeConte)

L. bischoffi (Blatchley)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
L. fraxini (LeConte)	–	–	–	–	–	SK	–	ON	PQ	–	–	–	–	–
L. helvolus (LeConte)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
balaninoides (Schaeffer)														
brevis (Casey)														
caseyi (Klima)														
L. horridulus (Casey)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
punctatus (Casey)														
squamiger (Casey)														
L. ocularis (Casey)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Genus PLOCETES LeConte
Hamaba Casey
Rosella Whitehead
Key to species: Clark (1982)

P. ulmi LeConte	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Tribe Tychiini

Genus SIBINIA Germar
Key to New World species: Clark (1978)

S. maculata (LeConte)	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
maculifer (Hatch)														

Genus TYCHIUS Germar
Miccotrogus Schönherr
Paratychius Casey
Key to North American species: Clark (1971)

T. aratus Say	–	–	–	–	–	SK	–	–	–	–	–	–	–	–
arator Gyllenhal														
T. liljebladi Blatchley	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
T. lineellus LeConte	–	–	–	BC	AB	SK	–	–	–	–	–	–	–	–
dilectus Casey														
hesperis Casey														
probus Casey														
radians Casey														
tacitus Casey														
T. montanus Clark	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
T. picirostris (Fabricius)†	–	–	–	BC	AB	SK	MB	ON	PQ	–	NS	PE	–	NF
posticus Gyllenhal														
T. semisquamosus LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
intermixtus Hatch														
lamellosus Casey														
squamosus Hatch														
T. soltaui Casey	–	–	–	–	–	SK	MB	–	–	–	–	–	–	–
hirsutus Clark														
hirtellus LeConte														
T. stephensi Schönherr†	–	–	–	BC	AB	–	–	ON	PQ	NB	NS	–	–	–
griseus Schaeffer														
tomentosus (Herbst)														
T. tectus LeConte	AK	YK	–	BC	AB	SK	MB	–	–	–	–	–	–	–
languidus Casey														
mixtus Hatch														

Subfamily GYMNETRINAE
Tribe Gymnetrini

Genus GYMNETRON Schönherr

G. antirrhini (Paykull)†	–	–	–	BC	AB	–	–	ON	PQ	–	NS	–	–	NF
G. netum (Germar)†	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
G. pascuorum (Gyllenhal)†	–	–	–	BC	–	–	–	ON	PQ	–	–	–	–	–
G. tetrum (Fabricius)†	–	–	–	BC	–	–	–	ON	PQ	–	–	–	–	–

Tribe Mecinini

Genus MIARUS Schönherr *Cleopomiarus* Pierce														
M. hispidulus LeConte *consuetus* Casey *illini* Casey *nanus* Casey *puritanus* Casey	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
Genus MECINUS Germar														
M. pyraster (Herbst)†	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Subfamily CRYPTORHYNCHINAE
Tribe Ithyporini

Genus RHYSSOMATUS Schönherr														
R. aequalis Horn	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
R. lineaticollis (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
Genus CONOTRACHELUS Dejean *Loceptes* Casey Key to North American species: Schoof (1942)														
C. anaglypticus (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
C. aratus (Germar)	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
C. corni W.J. Brown	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
C. crataegi Walsh	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
C. elegans (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
C. geminatus LeConte	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
C. juglandis LeConte	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
C. nenuphar (Herbst) *argula* (Fabricius) *cerasi* (Peck)	–	–	–	BC	–	–	MB	ON	PQ	–	NS	–	–	NF
C. nivosus LeConte *plagiatus* LeConte	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
C. posticatus Boheman	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
C. recessus (Casey) *atokanus* Fall	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
C. schoofi Papp *tibialis* Schoof	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
C. seniculus LeConte	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
Genus PHELOCONUS Roelofs														
P. cribricollis (Say) *puncticollis* (Walsh)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
Genus MICROHYUS LeConte *Echinaspis* Blatchley														
M. setiger LeConte *wolcotti* (Blatchley)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Tribe Cryptorhynchini

Genus GERSTAECKERIA Champion *Opuntiaphila* Pierce *Philopuntia* Pierce Key to North American species: O'Brien (1970*a*)														
G. basalis (LeConte)	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
Genus ACALLES Schönherr														
A. carinatus LeConte	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
Genus TYLODERMA Say *Analcis* Schönherr Key to North American species: Wibmer (1981)														
T. aereum (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

T. capitale Wibmer	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
T. foveolatum (Say)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
T. minimum Blatchley	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
T. nigrum Casey	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
asclepiasae Sleeper														
T. oenotherae Wibmer	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–

Genus CRYPTORHYNCHUS Illiger
Cryptorhynchidius Pierce

C. fuscatus LeConte	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
C. lapathi (Linné)*	–	–	–	BC	AB	–	MB	ON	PQ	NB	NS	PE	–	NF

Genus APTEROMECHUS Faust
Key to North American species: Whitehead (1979)

A. ferratus (Say)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Genus COPHES Champion
Key to North American species: Sleeper (1955)

C. fallax (LeConte)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
C. obtentus (Herbst)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
ypsilon (Boheman)														

Genus EUBULUS Kirsch
Key to species: Fiedler (1939)

E. bisignatus (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
obliquefasciatus (Boheman)														
E. parochus (Herbst)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
(?) *luctuosus* (Boheman)														

Subfamily ZYGOPINAE

Key to North American genera: Sleeper (1963)

Tribe Zygopini

Genus CYLINDROCOPTURUS Heller
Copturodes Casey
Gyrotus Casey

C. deleoni Buchanan	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
C. longulus (LeConte)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
dispersus (Casey)														
mucidus (Casey)														
nubilatus (Casey)														
obscurellus (Casey)														
subcupreus (Casey)														
C. medicatus Carr	–	–	–	–	AB	–	–	–	–	–	–	–	–	–

Tribe Lechriopini

Genus LECHRIOPS Schönherr
Gelus Casey
Key to North American species: Sleeper (1963)

L. californica (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
L. oculata (Say)	–	–	–	–	–	–	MB	ON	PQ	–	NS	–	–	–

Genus ACOPTUS LeConte
Homogaster Provancher

A. suturalis LeConte	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
quebecensis (Provancher)														

Genus PSOMUS Casey

P. armatus (Dietz)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
politus Casey														

Subfamily CEUTORHYNCHINAE
Tribe Mononychini

Genus MONONYCHUS Germar

M. vulpeculus (Fabricius)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Tribe Cnemogonini

Key to genera: Colonnelli (1979)

Genus CRAPONIUS LeConte

C. inaequalis (Say)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Genus CNEMOGONUS LeConte

C. lecontei Dietz	AK	YK	NT	BC	AB	–	MB	ON	PQ	NB	–	–	–	–

Genus ACANTHOSCELIDIUS Dalla Torre & Hustache
Acanthoscelis Dietz

A. acephalus (Say)	–	–	–	BC	AB	SK	MB	ON	PQ	–	–	PE	–	–
leprosus (Boheman)														
subulirostris (Gyllenhal)														
A. curtus (Say)	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–

Genus AULEUTES Dietz

A. epilobii (Paykull)*	–	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
cruralis (LeConte)														
A. nebulosus (LeConte)	–	–	–	BC	–	SK	MB	ON	PQ	NB	–	–	–	–
A. tenuipes (Leconte)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Genus PERIGASTER Dietz
Key to North American species: Buchanan (1931)

P. cretura (Herbst)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
quadrispinosa (Say)														
P. liturata (Dietz)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	NF
longirostris Buchanan														

Genus DIETZELLA Champion
Coelogaster Schönherr

D. zimmermanni (Gyllenhal)	–	–	–	BC	–	–	–	ON	PQ	–	–	–	–	NF

Tribe Ceutorhynchini

Genus CEUTORHYNCHUS Germar
Ceuthorhynchidius Jacquelin du Val

C. americanus Buchanan	AK	–	NT	BC	AB	SK	MB	ON	PQ	–	NS	–	–	–
C. assimilis (Paykull)†	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. bolteri Dietz	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
hirticollis Dietz														
C. carteri W.J. Brown	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
C. convexipennis Fall	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
C. cupreus Hatch	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. dubitans W.J. Brown	–	–	–	–	–	SK	–	–	–	–	–	–	–	–
C. echinatus Fall	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
C. erysimi (Fabricius)†	–	–	–	BC	AB	–	–	ON	PQ	–	NS	–	–	–
C. floralis (Paykull)†	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	NF
puberulus LeConte														
septentrionalis Gyllenhal														
C. fulvotertius Fall	AK	YK	NT	BC	AB	SK	–	ON	–	–	–	–	–	–
C. handfordi W.J. Brown	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
C. hearnei W.J. Brown	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
C. invisus Fall	–	–	–	–	–	SK	MB	–	–	–	–	–	–	–
C. lecontei Colonnelli	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
convexicollis LeConte														
C. munki W.J. Brown	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
C. neglectus Blatchley	–	YK	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
C. omissus Fall	–	–	–	–	AB	SK	MB	ON	PQ	–	–	–	–	–
C. opertus W.J. Brown	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

C. oregonensis Dietz	–	YK	–	BC	AB	–	MB	–	–	–	–	–	–	–
C. ovipennis Dietz	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. pauxillus Dietz	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
C. pervestitus Fall	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
C. punctiger Gyllenhal†	–	YK	–	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
C. querceti (Gyllenhal) *hamiltoni* Dietz *pusio* Mannerheim	AK	–	NT	BC	AB	–	MB	–	PQ	NB	NS	PE	–	NF
C. rapae Gyllenhal† *affluentus* Dietz	AK	YK	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
C. squamatus LeConte	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
C. squamosulus Sleeper *sleeperi* Colonnelli	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. subpubescens LeConte	–	YK	NT	–	–	–	MB	–	–	–	–	–	–	–

Genus POOPHAGUS Schönherr

P. sisymbrii (Fabricius)†	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–

Genus AMALUS Schönherr

A. scortillum (Herbst)† *robinsoni* (Blatchley)	–	–	–	BC	AB	SK	MB	ON	PQ	–	NS	–	–	NF

Genus CALOSIRUS Thomson

C. medialis (LeConte)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
C. semirufus (LeConte)	–	–	–	–	AB	–	–	ON	PQ	–	–	–	–	NF
C. zimmermannii (Gyllenhal)	–	–	–	–	–	–	MB	ON	–	–	–	–	–	–

Genus ALLOSIROCALUS Colonnelli

A. angulatus (LeConte)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
A. consanguineus (Dietz)	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
A. disturbatus (Dietz)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus HADROPLONTUS Thomson

H. litura (Fabricius)†	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Genus SIROCALODES Voss

S. sericans (LeConte)	–	–	–	–	–	–	MB	–	–	–	–	–	–	–

Genus NEDYUS Schönherr
Cidnorhinus Thomson

N. flavicaudis (Boheman) *apicalis* (Dietz)	–	–	–	–	AB	SK	MB	ON	PQ	–	–	–	–	–

Tribe Scleropterini

Genus HOMOROSOMA Frivaldszky

H. sulcipenne (LeConte)	–	YK	–	–	–	SK	MB	ON	PQ	–	–	–	–	–

Genus RUTIDOSOMA Stephens

R. decipiens (LeConte)	AK	YK	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	–

Genus ACALLODES LeConte

A. saltoides Dietz	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
A. ventricosus LeConte	–	–	–	–	–	–	MB	ON	–	–	–	–	–	–

Tribe Phytobiini

Key to New World genera: Colonnelli (1980)
Key to genera: Colonnelli (1986)

Genus PHYTOBIUS Schönherr
Hydaticus Schönherr
Litodactylus Redtenbacher
Parenthis Dietz

P. leucogaster (Marsham)	–	YK	NT	BC	AB	SK	MB	ON	PQ	–	–	–	–	NF
griseomicans Schwarz														
myriophylli (Gyllenhal)														
P. vestitus (Dietz)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Genus EUBRYCHIOPSIS Dietz

E. albertana (W.J. Brown)	–	–	NT	BC	AB	SK	–	–	–	–	–	–	–	–

Genus EUBRYCHIUS Thomson

E. velatus (Beck)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
aquaticus Thomson														

Genus RHINONCUS Schönherr
Campylirhynchus Dejean
Key to North American species: Hoebeke & Whitehead (1980)

R. castor (Fabricius)†	–	–	–	BC	–	–	–	ON	PQ	NB	NS	–	–	NF
R. longulus LeConte	–	–	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
R. pericarpius (Linné)†	–	–	–	BC	AB	–	–	ON	PQ	–	–	–	–	NF
umbellae (Fabricius)														
R. pyrrhopus Boheman	–	–	NT	BC	–	SK	MB	ON	PQ	–	–	PE	–	–
R. triangularis (Say)	–	–	–	–	AB	SK	MB	ON	PQ	–	–	–	–	–
occidentalis Dietz														

Genus PELENOMUS Thomson
Mecopeltus Dietz

P. asperulus Dietz	–	YK	–	–	AB	–	–	ON	–	–	–	–	–	–
aeneosquamosus (Dietz)														
P. congenialis (Dietz)	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
P. fuliginosus (Dietz)	–	–	–	BC	AB	–	–	ON	PQ	NB	–	–	–	–
P. gracilipes Dietz	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
griseus Blatchley														
P. pusillus Dietz	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
scandens (Dietz)														
P. scoliasus (Dietz)	–	–	–	–	AB	–	MB	–	–	–	–	–	–	–
P. squamipennis (Sleeper)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. squamosus LeConte	–	YK	–	BC	AB	–	–	ON	PQ	–	–	–	–	–
impressiventris Blatchley														
P. sulcicollis (Fahraeus)	–	–	–	–	AB	–	MB	ON	PQ	–	–	–	–	–
P. ventralis (Sleeper)	–	YK	–	BC	AB	–	–	–	–	–	–	–	–	–

Genus NEOPHYTOBIUS Wagner

N. cavifrons (LeConte)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
torvipes (Dietz)														

Subfamily BARIDINAE
Tribe Baridini

Genus BARIS Germar
Baridius Schönherr
Cyphirhinus Schönherr
Orthobaris Casey

B. canadensis Blatchley	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
B. interstitialis (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
agnita Casey														
anaplata Casey														
appalachia Casey														
apposita Casey														
aprica Casey														
apricoides Fall														
attonsa Casey														
austiniana Casey														
bispeculata Casey														
brachyrhina Casey														
brevipennis Casey														
carinulata (LeConte)														
caseyi Hustache														
cribrifera Casey														
cuneipennis Casey														

demissa Casey														
dolosa Casey														
fultoni Casey														
immunis casey														
irrita Casey														
lavacana Casey														
lubrica Casey														
nephiana Casey														
oblata Casey														
oblongula Casey														
peninsulae Horn														
quadrata (LeConte)														
retrusa Casey														
subaenea (LeConte)														
surrufa Casey														
tumescens (LeConte)														
vagans Casey														
zuniana Casey														
B. lengi Hustache	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
carbonaria Blatchley														
B. stacesmithi Sleeper	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
B. strenua (LeConte)	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
coloradensis Casey														
formalis Casey														
longulicollis Casey														
montanica Casey														
satelles Casey														
separata Casey														
subparilis Casey														
uinta Casey														
B. striata (Say)	–	–	–	–	–	–	MB	ON	–	–	–	–	–	–
B. subsimilis Casey	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
Genus COSMOBARIS Casey														
C. americana Casey	–	–	–	–	–	SK	–	ON	PQ	–	–	–	–	–
sionilli Hayes														
squamiger Hayes														
Genus AULOBARIS LeConte														
A. pusilla (LeConte)	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
Genus AMPELOGLYPTER LeConte														
A. ampelopsis (Riley)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
ater LeConte														
Genus PSEUDOBARIS LeConte														
P. angusta (LeConte)	–	–	–	–	–	–	–	–	–	–	–	–	–	–
angustula LeConte														
P. nigrina (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
Genus TRICHOBARIS LeConte														
T. trinotata (Say)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
impotens Casey														
jejuniosa Casey														
plumbea (LeConte)														
vestita (Boheman)														
Genus ORTHORIS LeConte														
O. crotchii LeConte	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
O. tenuirostris Casey	–	–	–	–	AB	–	–	–	–	–	–	–	–	–

Tribe Madarini

Genus ONYCHOBARIS LeConte														
O. subtonsa LeConte	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
O. pectorosa LeConte	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–

Genus MADARELLUS Casey														
Willinkia Bondar														
M. undulatus (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Tribe Centrinini

Genus GERAEUS Pascoe														
Centrinaspis Casey														
G. picumnus (Herbst)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
albotectus (Casey)														
compactus (Casey)														
floridensis (Casey)														
lascivus (Casey)														
olivaceus (Gyllenhal)														
paululus (Casey)														
perscillus (Gyllenhal)														
sutor (Harris)														
Genus ODONTOCORYNUS Schönherr														
O. denticornis (Casey)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
O. scutellumalbum (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
Genus CENTRINOGYNA Casey														
C. canadensis Casey	–	–	–	–	AB	–	MB	–	–	–	–	–	–	–
Genus CALANDRINUS LeConte														
C. grandicollis LeConte	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
angustulus Casey														
C. obsoletus Casey	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
insignus Casey														
Genus CATAPASTUS Casey														
C. conspersus (LeConte)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
Genus CYLINDRIDIA Casey														
C. prolixa (LeConte)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
Genus DIRABIUS Casey														
(Subgenus DIRABIUS s. str.)														
D. rectirostris (LeConte)		–	–	–	–	–	–	ON	PQ	–	–	–	–	–
tenua (Blatchley)														
Genus PROSALDIUS Oglobin														
Anacentrinus Buchanan														
P. subaequalis (Casey)	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
Genus STETHOBARIS LeConte														
S. commixta Blatchley	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
S. laevimargo (Champion)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
S. ovata (LeConte)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
Genus IDIOSTETHUS Casey														
I. tubulatus (Say)	–	–	–	–	–	SK	–	–	PQ	–	–	–	–	–
strigapunctus (Hamilton)														
Genus HAPLOSTETHOPS Casey														
H. ellipsoideus (Casey)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
Genus PLOCAMUS LeConte														
Epeuchaetes Lyman														
Euchaetes LeConte														
Eunyssobia Casey														
P. echidna (LeConte)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
P. hispidulus LeConte	–	–	–	–	–	–	–	–	–	NB	–	–	–	–

Subfamily RHYNCHOPHORINAE
Tribe Sphenophorini

Genus SPHENOPHORUS Schönherr
Calandra Clairville
Trichischius LeConte
Key to North American species: Vaurie (1951)

S. aequalis aequalis Gyllenhal	–	–	–	BC	AB	SK	MB	ON	PQ	–	–	–	–	–
scirpi Chittenden														
univitta Chittenden														
S. australis australis Chittenden	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
typhae Chittenden														
S. callosus (Olivier)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
jugosus Chittenden														
S. cariosus (Olivier)	–	–	–	–	–	–	–	–	–	–	NS	–	–	–
cicatricosus (Say)														
flexuosus Gyllenhal														
larvalis (Germar)														
sculptilis Uhler														
S. cicatristriatus Fahraeus	–	–	–	–	AB	SK	MB	–	–	–	–	–	–	–
cicatripennis Fahraeus														
ulkei Horn														
variolosus LeConte														
S. costipennis Horn	–	–	–	BC	AB	SK	MB	ON	PQ	NB	–	–	–	–
laevigatus Chittenden														
medoraensis (Satterthwait)														
S. incongruus Chittenden	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
elephantulus Chittenden														
S. melanocephalus (Fabricius)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
nubilus Gyllenhal														
S. minimus Hart	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
S. mormon Chittenden	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–
distichlidis Chittenden														
S. parvulus Gyllenhal	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
pumilus Gyllenhal														
S. pertinax pertinax (Olivier)	–	–	–	–	–	–	–	ON	–	NB	NS	–	–	–
canaliculatus Boheman														
intervallatus Chittenden														
nasutus Chittenden														
peninsularis Chittenden														
setiger Chittenden														
truncatus (Say)														
S. robustior Chittenden	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
costifer Chittenden														
S. robustus Horn	–	–	–	BC	–	–	MB	ON	–	–	–	–	–	–
multilineatus (Satterthwait)														
rectistriatus Chittenden														
S. sayi Gyllenhal	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
subcarinatus Mannerheim														
S. serratipes Chittenden	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
S. striatipennis Chittenden	–	–	–	–	AB	SK	MB	ON	–	–	NS	–	–	–
S. venatus venatus (Say)	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
confusus Gyllenhal														
fallax Boheman														
immunis (Say)														
placidus (Say)														
S. villosiventris Chittenden	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
S. vomerinus LeConte	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
baridioides Horn														
S. zeae Walsh	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
blatchleyi Chittenden														

Genus RHODOBAENUS LeConte
Homalostylus Chevrolat
Key to North American species: Vaurie (1981)

R. quinquepunctatus (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
R. tredecimpunctatus (Illiger)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
cribrarius (Fabricius)														
leptocerus (Panzer)														
quatuordecimpunctatus (Panzer)														

Tribe Sitophilini

Genus SITOPHILUS Schönherr

S. granarius (Linné)†	–	–	–	BC	–	–	MB	ON	PQ	–	–	–	–	NF
remotepunctatus Gyllenhal														
S. oryzae (Linné)†	–	–	–	BC	–	–	–	ON	PQ	–	–	–	–	NF
S. zeamais Motschulsky†	–	–	–	–	–	–	MB	ON	–	–	–	–	–	–

Genus DIOCALANDRA Faust

D. elongata (Roelofs)†	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Subfamily COSSONINAE

Tribe Acamptini

Genus ACAMPTUS LeConte

A. echinus Casey	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
A. rigidus LeConte	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Tribe Cossonini

Genus HIMATIUM Wollaston
Himatinum Cockerell

H. errans LeConte	–	–	–	–	–	–	–	–	PQ	–	NS	–	–	–
nigritulum Casey														
parvula Blatchley														

Genus COSSONUS Clairville
Borophloeus Wollaston

C. americanus Buchanan	–	–	–	–	–	–	–	–	PQ	–	NS	–	–	NF
C. crenatus Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. impressifrons Boheman	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
concinnus Boheman														
C. pacificus Van Dyke	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
C. piniphilus Boheman	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
californicus Motschulsky														
scrobiculatus LeConte														
C. platalea Say	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
bohemanni Horn														
subareatus Boheman														
C. quadricollis Van Dyke	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–

Tribe Rhyncolini

Genus PENTARTHRUM Wollaston

P. huttoni Wollaston†	–	–	–	–	–	–	–	–	PQ	–	–	–	–	NF

Genus EUOPHRYUM Broun

E. confine (Broun)†	–	–	–	–	–	–	–	–	–	–	–	–	–	NF

Genus HEXARTHRUM Wollaston

H. thujae W.J. Brown	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
H. ulkei Horn	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Genus ELASSOPTES Horn

E. marinus Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus STENOSCELIS Wollaston

S. brevis (Boheman)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Genus PHLOEOPHAGUS Schönherr

P. apionides Horn	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
P. canadensis Van Dyke	–	–	–	BC	AB	–	MB	–	PQ	–	–	–	–	–
P. minor Horn	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
carinatus (Blatchley)														

Genus RHYNCOLUS Germar
Xylocomesus Thatcher

R. brunneus Mannerheim	AK	YK	NT	BC	AB	–	MB	ON	PQ	NB	–	–	–	NF
californicus Wollaston														
relictus Casey														
R. cylindricollis Wollaston	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
R. knowltoni (Thatcher)	–	–	–	–	–	–	MB	–	–	–	–	–	–	–
R. macrops Buchanan	–	–	–	BC	–	–	–	ON	PQ	–	NS	–	–	–
R. oregonensis Horn	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
R. pallens Casey	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
R. stacesmithi Sleeper	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus CARPHONOTUS Casey

C. testaceus Casey	AK	–	–	BC	AB	–	–	ON	PQ	NB	–	–	–	NF

Subfamily DRYOPHTHORINAE
Tribe Dryophthorini

Genus DRYOPHTHORUS Germar

D. americanus Bedel	–	–	–	–	–	–	MB	ON	PQ	NB	NS	–	–	–
corticalis Say														

Family SCOLYTIDAE bark beetles

J. McNamara

In Canada and Alaska 204 species of Scolytidae are recorded. Most of the Canadian species attack forest trees, especially conifers, and may cause considerable damage to timber. Both the larvae and adults form galleries under the bark. Some of the galleries may be so distinctive that the genus and, in some cases, the species that made them can be identified.

The North American scolytids are well known taxonomically; Wood (1982) revised all the North American species, and Bright (1976) covered the Canadian and Alaskan ones.

AK (52); YK (33); NT (31); BC (134); AB (80); SK (40); MB (47); ON (89); PQ (81); NB (53); NS (46); PE (8); LB (6); NF (27) • I (5)

Subfamily HYLESININAE
Tribe Hylastini

Genus SCIERUS LeConte

S. annectans LeConte	AK	–	NT	BC	AB	–	–	ON	PQ	–	NS	–	–	NF
S. pubescens Swaine	AK	YK	–	BC	AB	–	–	–	–	–	–	–	–	–

Genus HYLURGOPS LeConte

H. porosus (LeConte)	–	–	NT	BC	AB	SK	–	–	–	–	–	–	–	–
lecontei Swaine														
H. reticulatus Wood	–	–	NT	BC	–	–	–	–	–	–	–	–	–	–
H. rugipennis pinifex (Fitch)	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	–
H. rugipennis rugipennis (Mannerheim)	AK	YK	–	BC	AB	–	–	–	–	–	–	–	–	–
H. subcostulatus subcostulatus (Mannerheim)	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
cristatus (Mannerheim)														

Genus HYLASTES Erichson

H. gracilis LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
asper Swaine														
longus LeConte														
nitidus Swaine														
H. longicollis Swaine	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
H. macer LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

H. nigrinus (Mannerheim)	AK	YK	NT	BC	AB	–	–	–	–	–	–	–	–	–
yukonis Fall														
H. porculus Erichson	–	–	–	–	–	–	MB	ON	PQ	NB	NS	–	–	–
canadensis Blackman														
carbonarius Fitch														
cavernosus (Zimmermann)														
granosus Chapuis														
scaber Swaine														
swainei Eggers														
webbi Swaine														
H. ruber Swaine	–	–	NT	BC	AB	–	–	–	–	–	–	–	–	–
H. tenuis Eichhoff	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
criticus Eichhoff														
minutus Blackman														
parvus Blackman														
pusillus Blackman														

Tribe Hylesinini

Genus HYLASTINUS Bedel														
H. obscurus (Marsham)†	–	–	–	BC	–	–	–	ON	PQ	–	NS	–	–	–
Genus HYLESINUS Fabricius														
Leperisinus Reitter														
H. aculeatus Say	–	–	–	–	–	SK	MB	ON	PQ	–	NS	–	–	–
cinereus (Swaine)														
imperialis Eichhoff														
H. californicus (Swaine)	–	–	–	–	–	SK	MB	–	–	–	–	–	–	–
hoferi (Blackman)														
H. criddlei (Swaine)	–	–	–	–	–	SK	MB	ON	PQ	–	–	–	–	–
H. fasciatus LeConte	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
H. pruinosus Eichhoff	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
Genus ALNIPHAGUS Swaine														
Hylastinoides Spessivetsev														
A. aspericollis (LeConte)	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
A. hirsutus Schedl	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Tribe Tomicini

Genus PSEUDOHYLESINUS Swaine														
P. dispar dispar Blackman	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. dispar pullatus Blackman	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. granulatus (LeConte)	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. nebulosus nebulosus (LeConte)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
P. nobilis Swaine	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
furnissi Blackman														
P. pini Wood	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. sericeus (Mannerheim)	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
grandis Swaine														
P. sitchensis Swaine	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. tsugae Swaine	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
keeni Blackman														
obesus Swaine														
similis Blackman														
Genus HYLURGOPINUS Swaine														
H. rufipes (Eichhoff)	–	–	–	–	–	SK	MB	ON	PQ	NB	NS	–	–	–
opaculus (LeConte)														
Genus XYLECHINUS Chapuis														
X. americanus Blackman	–	–	–	–	–	–	–	ON	PQ	–	NS	–	–	–
X. montanus Blackman	AK	–	–	BC	AB	SK	–	–	–	–	–	–	–	–
Genus DENDROCTONUS Erichson														
D. brevicomis LeConte	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
barberi Hopkins														

D. murrayanae Hopkins	–	–	–	BC	AB	–	MB	ON	–	–	–	–	–	–
D. ponderosae Hopkins *monticolae* Hopkins	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
D. pseudotsugae Hopkins	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
D. punctatus LeConte *johanseni* Swaine	AK	YK	NT	BC	AB	–	–	ON	PQ	NB	–	–	–	NF
D. rufipennis (Kirby) *borealis* Hopkins *engelmanni* Hopkins *obesus* (Mannerheim) *piceaperda* Hopkins *similis* LeConte	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
D. simplex LeConte	AK	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF
D. valens LeConte	–	–	NT	BC	AB	–	MB	ON	PQ	NB	NS	–	–	NF

Tribe Phloeotribini

Genus PHLOEOTRIBUS Latreille

P. dentifrons (Blackman)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
P. lecontei Schedl *puberulus* LeConte	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
P. liminaris (Harris) *mississippiensis* (Blackman)	–	–	–	–	–	SK	MB	ON	PQ	NB	–	–	–	–
P. piceae Swaine	AK	YK	NT	BC	AB	–	MB	ON	PQ	NB	NS	–	–	–

Tribe Phloeosinini

Genus PHLOEOSINUS Chapuis

P. canadensis Swaine	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
P. cupressi Hopkins *nitidus* Swaine	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. dentatus (Say) *enixus* Blackman *graniger* (Eichhoff) *haagi* (Eichhoff)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
P. hoferi Blackman	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. hoppingi Swaine *woodi* Bright	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. keeni Blackman	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. pini Swaine *alaskanus* Blackman *piceae* Swaine	AK	YK	NT	BC	AB	–	MB	–	PQ	–	–	–	–	–
P. punctatus LeConte *buckhorni* Blackman *chamberlini* Blackman *kaniksu* Blackman *rubicundulus* Swaine *rusti* Blackman	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. scopulorum scopulorum Swaine	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
P. sequoiae Hopkins *blackmani* Schedl *squamosus* Blackman	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus CHRAMESUS LeConte

C. hicoriae LeConte *lecontei* (Chapuis)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Tribe Hypoborini

Genus CHAETOPHLOEUS LeConte
Pseudocryphalus Swaine
Renocis Casey

C. heterodoxus (Casey) *brittaini* (Swaine) *brunneus* (Blackman) *commixtus* (Blackman) *criddlei* (Swaine) *fuscus* (Blackman)	–	–	–	BC	AB	SK	MB	–	–	–	–	–	–	–

Tribe Polygraphini

Genus CARPHOBORUS Eichhoff

C. andersoni Swaine	AK	YK	NT	–	AB	–	–	–	–	–	–	–	–	–
C. carri Swaine	AK	YK	NT	–	AB	–	MB	–	–	NB	–	–	–	–
C. dunni Swaine	–	–	–	–	–	–	–	–	–	NB	–	–	–	–
C. intermedius Wood	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. ponderosae Swaine	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. sansoni Swaine	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
engelmanni Wood														
C. vandykei Bruck	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus POLYGRAPHUS Erichson
Lepisomus Kirby

P. convexifrons Wood	AK	YK	–	BC	AB	–	–	–	PQ	–	–	–	–	–
P. rufipennis (Kirby)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF
brevicornis (Kirby)														
nigriceps (Kirby)														
saginatus Mannerheim														

Subfamily SCOLYTINAE
Tribe Scolytini

Genus SCOLYTUS Geoffroy

S. fagi Walsh	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
S. laricis Blackman	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
S. mali (Bechstein)†	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
sulcatus LeConte														
S. monticolae Swaine	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
S. multistriatus (Marsham)†	–	–	–	BC	–	–	MB	ON	PQ	NB	–	–	–	–
S. muticus Say	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
S. opacus Blackman	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
abietis Blackman														
S. piceae (Swaine)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	–	–	LB	NF
S. praeceps LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
S. quadrispinosus Say	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
carya Riley														
caryae Walsh														
S. rugulosus (P.W.J. Müller)†	–	–	–	BC	–	–	–	ON	PQ	–	NS	–	–	–
S. subscaber LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
S. tsugae (Swaine)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
S. unispinosus LeConte	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
fiskei Blackman														
sobrinus Blackman														
S. ventralis LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Tribe Micracini

Genus PSEUDOTHYSANOES Blackman
Chalcohyus Blackman
Cryptocleptes Blackman
Cryptulocleptus Wood

P. rigidus (LeConte)	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
drakei Blackman														

Genus MICRACIS LeConte

M. swainei Blackman	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
populi Swaine														

Genus HYLOCURUS Eichhoff
Micracisoides Blackman

H. hirtellus LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
crinitus Blackman														

Tribe Ipini

Genus PITYOGENES Bedel

P. carinulatus (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
hamatus (LeConte)														
P. fossifrons (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. hopkinsi Swaine	–	–	–	–	–	SK	MB	ON	PQ	NB	NS	–	–	NF
P. plagiatus knechteli Swaine	–	YK	–	BC	AB	SK	–	–	–	–	–	–	–	–
P. plagiatus plagiatus (LeConte)	–	–	–	–	AB	SK	MB	ON	PQ	–	–	–	–	–
lecontei Swaine														

Genus PITYOKTEINES Fuchs
Orthotomides Wood

P. elegans Swaine	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
P. lasiocarpi (Swaine)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
P. minutus (Swaine)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
jasperi Swaine														
P. ornatus (Swaine)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. sparsus (LeConte)	–	–	–	–	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF
balsameus (LeConte)														

Genus ORTHOTOMICUS Ferrari

O. caelatus (Eichhoff)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
decretus (Eichhoff)														
punctipennis (LeConte)														
vicinus (LeConte)														

Genus IPS DeGeer

I. borealis Swaine	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
swainei Hopping														
thomasi Hopping														
I. calligraphus (Germar)	–	–	–	–	–	SK	–	ON	PQ	–	NS	–	–	–
chloroticus Dejean														
conformis Dejean														
exesus (Say)														
ponderosae Swaine														
praemorsus (Eichhoff)														
I. concinnus (Mannerheim)	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–
chamberlini (Swaine)														
hirsutus (Eichhoff)														
I. emarginatus (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
I. grandicollis (Eichhoff)	–	–	–	–	–	–	MB	ON	PQ	–	–	–	–	–
cacographus (LeConte)														
chagnoni Swaine														
cloudcrofti Swaine														
cribricollis (Eichhoff)														
I. integer (Eichhoff)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
I. latidens (LeConte)	–	YK	–	BC	AB	SK	–	ON	PQ	–	–	–	–	–
guildi Blackman														
longidens Swaine														
I. mexicanus (Hopkins)	AK	–	–	BC	AB	–	–	–	–	–	–	–	–	–
radiatae Hopkins														
I. montanus (Eichhoff)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
vancouveri Swaine														
I. perroti Swaine	–	–	–	BC	AB	SK	MB	ON	PQ	NB	–	–	–	–
I. perturbatus (Eichhoff)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	–	–	LB	–
hudsonicus (LeConte)														
interpunctus (Eichhoff)														
I. pini (Say)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
dentatus (Sturm)														
laticollis Swaine														
oregonis (Eichhoff)														
pallipes (Sturm)														
praefrictus (Eichhoff)														
rectus (LeConte)														
I. plastographus plastographus (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
I. tridens (Mannerheim)	AK	YK	NT	BC	AB	–	–	–	–	–	–	–	–	–
amiskiwiensis Hopping														

dubius Swaine														
engelmanni Swaine														
interruptus (Mannerheim)														
semirostris Hopping														
yohoensis Swaine														
I. woodi Thatcher	–	–	–	–	AB	–	–	–	–	–	–	–	–	–

Tribe Dryocoetini

Genus LYMANTOR Lovendal

L. alaskanus Wood	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
L. decipiens (LeConte)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Genus DRYOCOETES Eichhoff

D. affaber (Mannerheim)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
piceae Hopkins														
pubescens Swaine														
D. autographus (Ratzeburg)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	LB	NF
americanus Hopkins														
pseudotsugae Swaine														
semicasteneus (Mannerheim)														
septentrionis (Mannerheim)														
D. betulae Hopkins	–	–	–	BC	AB	–	–	ON	PQ	NB	NS	–	–	NF
eichhoffi Hopkins														
liquidambaris Hopkins														
D. caryi Hopkins	AK	–	–	BC	AB	–	–	–	PQ	–	–	–	–	–
D. confusus Swaine	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
abietis Hopkins														
D. granicollis (LeConte)	–	–	–	–	–	–	–	–	PQ	NB	–	–	–	–
D. sechelti Swaine	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Tribe Crypturgini

Genus CRYPTURGUS Erichson

C. borealis Swaine	AK	–	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
corrugatus Swaine														
C. pusillus (Gyllenhal)†	–	–	–	–	–	SK	–	ON	PQ	NB	NS	PE	–	NF
atomus LeConte														

Genus DOLURGUS Eichhoff

D. pumilus (Mannerheim)	AK	–	–	BC	–	–	–	–	–	–	–	–	–	–

Tribe Xyloterini

Genus XYLOTERINUS Swaine

X. politus (Say)	–	–	–	–	–	–	MB	ON	PQ	NB	NS	–	–	–
unicolor (Eichhoff)														

Genus TRYPODENDRON Stephens

T. betulae Swaine	–	–	NT	BC	AB	–	MB	ON	PQ	NB	NS	PE	–	–
T. lineatum (Olivier)	AK	YK	–	BC	AB	SK	MB	ON	PQ	NB	NS	PE	–	NF
bivittatum (Kirby)														
borealis Swaine														
cavifrons (Mannerheim)														
vittigerum Eichhoff														
T. retusum (LeConte)	AK	YK	–	BC	AB	SK	MB	ON	PQ	NB	–	–	–	–
T. rufitarsis (Kirby)	AK	YK	–	BC	AB	–	MB	ON	PQ	NB	NS	–	–	–
ponderosae Swaine														

Tribe Xyleborini

Genus XYLOSANDRUS Reitter

X. germanus (Blandford)	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

Genus XYLEBORUS Eichhoff
Ambrosiodmus Hopkins
Anisandrus Ferrari

X. affinis Eichhoff	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
X. dispar (Fabricius) *pyri* (Peck) *swainei* (Drake)	–	–	–	BC	–	–	–	ON	PQ	–	NS	–	–	NF
X. intrusus Blandford *fitchi* Hopkins *howardi* Hopkins *scopulorum* Hopkins	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
X. obesus LeConte *populi* (Swaine) *serratus* Swaine	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
X. pubescens Zimmermann *propinguus* Eichhoff	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
X. sayi (Hopkins) *minor* Swaine *neardus* Schedl	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
X. xylographus (Say) *canadensis* Swaine *inermis* Eichhoff	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Genus XYLEBORINUS Reitter

X. saxeseni (Ratzeburg) *arbuti* (Hopkins) *floridensis* (Hopkins) *libocedri* Swaine *pecanus* (Hopkins) *quercus* (Hopkins) *tsugae* Swaine	–	–	–	BC	–	–	–	ON	PQ	–	–	–	–	–

Tribe Cryphalini

Genus TRYPOPHLOEUS Fairmaire

T. populi Hopkins	–	–	–	BC	AB	SK	MB	–	–	NB	–	–	–	–
T. striatulus (Mannerheim) *nitidus* Swaine *punctipennis* Hopkins	AK	YK	–	–	AB	–	MB	–	PQ	–	NS	–	–	NF
T. thatcheri (Wood)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus PROCRYPHALUS Hopkins

P. mucronatus (LeConte) *idahoensis* Hopkins *populi* Hopkins	AK	–	–	BC	AB	–	–	–	–	–	–	–	–	–
P. utahensis Hopkins *aceris* Hopkins *salicis* Hopkins	AK	–	–	BC	AB	–	–	–	PQ	–	–	–	–	–

Genus CRYPHALUS Erichson
Taenioglyptes Bedel

C. pubescens Hopkins *subconcentralis* Hopkins	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
C. ruficollis fraseri Hopkins *balsameus* Hopkins	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
C. ruficollis ruficollis Hopkins *amabilis* Chamberlin *approximatus* Hopkins *canadensis* Chamberlin *coloradensis* (Wood) *grandis* Chamberlin *mainensis* Blackman	AK	YK	–	BC	AB	–	MB	ON	PQ	NB	NS	PE	–	NF

Genus HYPOTHENEMUS Westwood
Stephanoderes Eichhoff

H. dissimilis (Zimmermann) *chapuisii* (Eichhoff)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

H. eruditus Westwood	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
asiminae Hopkins														
citri Ebling														
evonymi Hopkins														
hamamelidis Hopkins														
juglandis Blackman														
nigripennis Hopkins														
pruni Hopkins														
punctifrons Hopkins														
rumseyi Hopkins														
schwarzi (Hopkins)														

Tribe Corthylini

Genus PSEUDOPITYOPHTHORUS Swaine

P. minutissimus (Zimmermann)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
P. pubipennis (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Genus CONOPHTHORUS Hopkins

C. banksianae McPherson	–	–	–	–	–	–	–	ON	–	–	–	–	–	–
C. coniperda (Schwarz)	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
clunicus Hopkins														
taedae Hopkins														
C. ponderosae Hopkins	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
contortae Hopkins														
flexilis Hopkins														
lambertianae Hopkins														
monticolae Hopkins														
scopulorum Hopkins														
C. resinosae Hopkins	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
virginianae Hopkins														

Genus PITYOPHTHORUS Eichhoff
Key to North American species: Bright (1981)

(Subgenus PITYOPHTHORUS s. str.)
(*Myeleborus* Blackman)

P. absonus Blackman	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
demissus Blackman														
inyoensis Bright														
P. alpinensis Hopping	–	–	–	–	AB	–	–	–	–	–	–	–	–	–
P. angustus Blackman	–	–	–	–	–	–	–	ON	–	NB	NS	–	–	–
P. aquilus Blackman	–	–	–	BC	AB	SK	–	–	–	–	–	–	–	–
aristatae Bright														
caelator Blackman														
P. balsameus Blackman	–	–	NT	–	–	–	–	ON	PQ	NB	NS	–	–	–
patchi Blackman														
P. bassetti Blackman	AK	YK	NT	–	–	–	–	–	–	–	–	–	–	–
P. biovalis Blackman	–	–	–	–	–	–	–	ON	–	–	NS	–	–	–
P. boycei Swaine	–	YK	–	BC	AB	–	–	–	–	–	–	–	–	–
catulus (Blackman)														
iniquus (Blackman)														
siouxensis Bright														
P. briscoei Blackman	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
mundus Blackman														
P. carinatus carinatus Bright	–	–	–	–	–	–	–	–	PQ	NB	–	–	–	–
P. carinatus monticolae Bright	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
P. cariniceps LeConte	–	–	–	?	AB	SK	MB	ON	PQ	NB	NS	–	–	–
canadensis Swaine														
cognatus Blackman														
P. carinulatus Swaine	AK	–	–	–	–	–	–	–	–	–	–	–	–	–
opimus Blackman														
P. cascoensis Blackman	–	–	NT	–	AB	–	–	ON	–	–	–	–	–	NF
pilifer Schedl														
P. cavatus Bright	–	–	–	–	–	SK	MB	–	–	–	–	–	–	–
P. concavus Blackman	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	–
P. confertus Swaine	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
agnatus Blackman														
burkei Blackman														
comptus Blackman														

P. confinis LeConte	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. consimilis LeConte	–	–	–	BC	AB	SK	MB	ON	PQ	–	NS	–	–	–
granulatus Swaine														
nudus Swaine														
P. dentifrons Blackman	–	–	–	–	AB	–	–	ON	PQ	NB	NS	PE	–	NF
P. digestus (LeConte)	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
aplanatus Schedl														
hopkinsi Blackman														
idoneus Blackman														
ponderosae Blackman														
P. fuscus Blackman	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
smithi Schedl														
P. grandis Blackman	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. hesperius Bright	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. intextus Swaine	–	–	–	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
shepardi Blackman														
tonsus Blackman														
P. lautus Eichhoff	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
natalis Blackman														
rhois Swaine														
P. murrayanae Blackman	AK	–	NT	BC	AB	–	MB	ON	–	NB	–	–	–	–
acceptus Bright														
aurulentus Bright														
cutleri Swaine														
depygis Blackman														
elongatus Swaine														
exilis Swaine														
gracilis Swaine														
tenuis Swaine														
watsoni Schedl														
P. nitidulus (Mannerheim)	AK	–	–	BC	AB	–	–	–	–	–	–	–	–	–
atratulus (LeConte)														
puncticollis (LeConte)														
P. nitidus Swaine	AK	YK	NT	BC	AB	–	–	ON	PQ	NB	NS	–	–	NF
anceps Blackman														
aquilonius Bright														
borealis Swaine														
varians Schedl														
P. opaculus LeConte	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	–	–	NF
abietis Blackman														
albertensis Blackman														
exiguus Blackman														
pygmaeus Schedl														
P. orarius Bright	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. pseudotsugae Swaine	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
thatcheri Bright														
P. puberulus (LeConte)	–	–	–	–	–	–	–	ON	PQ	NB	NS	–	–	NF
infans Eichhoff														
P. pulchellus Eichhoff	–	YK	NT	BC	AB	SK	MB	ON	PQ	NB	–	–	–	–
hirticeps LeConte														
pusio LeConte														
P. pulicarius (Zimmermann)	–	–	–	–	–	SK	MB	ON	PQ	NB	NS	–	–	–
P. ramiperda Swaine	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
fivazi (Blackman)														
P. recens Bright	–	YK	–	BC	–	–	–	–	–	–	–	–	–	–
P. scalptor Blackman	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. scalptus Bright	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. serratus Swaine	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. sierrensis Bright	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
P. toralis Wood	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–
collinus Bright														
confusus (Bright)														
P. tuberculatus Eichhoff	AK	YK	–	BC	AB	–	–	–	–	–	–	–	–	–
rugicollis Swaine														
P. venustus Blackman	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
artifex Blackman														

Genus GNATHOTRICHUS Eichhoff
Ancyloderes Blackman
Gnathotrichoides Blackman

G. materiarius (Fitch)	–	–	–	–	–	SK	MB	ON	PQ	NB	NS	–	–	–
corthyloides Eichhoff														
G. retusus (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
alni Blackman														
G. sulcatus (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
aciculatus Blackman														
Genus MONARTHRUM Kirsch														
M. fasciatum (Say)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–
gracile (Eichhoff)														
simile (Eichhoff)														
M. mali (Fitch)	–	–	–	–	–	–	–	ON	PQ	NB	–	–	–	–
longulum Eichhoff														
M. scutellare (LeConte)	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
cavum (LeConte)														
obliquecaudatum (Schedl)														
Genus CORTHYLUS Erichson														
C. punctatissimus (Zimmermann)	–	–	–	–	–	–	–	ON	PQ	–	–	–	–	–

Family PLATYPODIDAE pinhole borers

J. McNamara

One species of Platypodidae occurs in Canada. These beetles infest the wood of weakened trees, where they mine galleries. The larvae feed on the fungus that grows on the gallery walls.

Wood (1979) has published a catalog of the North American species.

BC (1)

Subfamily PLATYPODINAE
Tribe Platypodini

Genus PLATYPUS Herbst														
P. wilsoni Swaine	–	–	–	BC	–	–	–	–	–	–	–	–	–	–

Order Strepsiptera twisted-winged parasites

S.B. Peck

In Canada 11 species of Strepsiptera are now known in three of the nine families recognized around the world. These species are distributed in Southern Canada. Another 10 species occur in the northern tier of the United States and may eventually be found in Canada. Many taxa are known only through adult females.

The biology of this endoparasitic group is highly unusual. Studies on species similar to those in Canada suggest the following. The first-instar triungulin-like larvae are free-living at birth but immediately seek and parasitize immature specimens of lygaeid bugs, various leafhoppers and their relatives, and *Andrena* solitary bees. The heteromorphic larvae mature in the host insect and pupate there. Adult female strepsipterans remain larva-like and in the host. Adult males are winged and live only a day and an evening or two, during which time they actively search for females. After the female has been inseminated, eggs develop and hatch inside her. A thousand or more larvae may then leave the female, to seek new hosts and begin the cycle again.

Adults may be reared from parasitized hosts. Males may be attracted to ultraviolet black light traps or may be lured by placing virgin females (in their hosts) in finely screened cages.

The systematic position of this group is becoming clear. It has been grouped near the similarly endoparasitic Rhipiphoridae in general works on beetles (Arnett 1968, Crowson 1981, White 1983). Extensive morphological studies by Kinzelbach (1971) and Kathirithamby (1989) suggest that strepsipterans are the sister group to the beetles as a whole. They are then ranked as a separate order most clearly related to the beetles (Kinzelbach 1971, Lawrence and Newton 1982, Kathirithamby 1989).

Overviews of the group in North America are found in Bohart (1941), Kinzelbach (1971), and Luna de Carvalho and Kogan (1990). The classification used here follows Kathirithamby (1989).

BC (2); AB (1); SK (3); ON (2); PQ (2); NS (1)

Suborder Stylopidia

Family CORIOXENIDAE

Subfamily CORIOXENINAE

Genus LOANIA Kinzelbach

L. canadensis Kinzelbach - - - - - - - - ON - - - - - - -

Family HALICTOPHAGIDAE

Subfamily HALICTOPHAGINAE

Genus HALICTOPHAGUS Bohart
Agalliaphagus Pierce
Anthericomma Pierce
Bruesia Perkins
Cyrtocaraxenos Pierce
Dacyrtocara Pierce
Dioxocera Pierce
Diozocera Pierce
Megalechthrus Perkins
Membracixenos Pierce
Neocholax Pierce
Pentacladocera Pierce
Pentagrammaphila Pierce
Pentaxocera Pierce
Pentazocera Pierce
Pentozoe Pierce
Pseudopatella Bohart
Pyrilloxenos Pierce

Key to North American species: Bohart (1943)

H. americanus Perkins	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–
H. bidentatus Bohart	–	–	–	–	–	SK	–	–	–	–	–	–	–	–
H. mackayi Bohart	–	–	–	–	–	SK	–	–	–	–	–	–	–	–
H. omani Bohart	–	–	–	–	AB	–	–	–	–	–	–	–	–	–

Genus STENOCRANOPHILUS Pierce
Delphacixenos Pierce
Muirixenos Pierce

S. canadensis Kinzelbach	–	–	–	–	–	SK	–	–	–	–	–	–	–	–

Family STYLOPIDAE

Subfamily STYLOPINAE

Genus STYLOPS Kirby
Katastylops Pierce
Neostylops Pierce
Prostylops Pierce

S. advarians Pierce	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
S. childreni Gray	–	–	–	–	–	–	–	–	–	–	NS	–	–	–
S. leechi Bohart	–	–	–	BC	–	–	–	–	–	–	–	–	–	–
S. vicinae Pierce	–	–	–	–	–	–	–	–	PQ	–	–	–	–	–

Subfamily XENINAE

Genus PSEUDOXENOS Saunders

P. tigridis Pierce	–	–	–	–	–	–	–	ON	–	–	–	–	–	–

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INDEX to supraspecific taxa

(Synonyms are in italics.)

Abacidus LeConte 33
Abax Bonelli 35
Abdera Stephens 248
Abletobium Casey 115
Abraeinae 135
Abraeini 135
Abraeus Leach 135
Abstrulia Casey 243
Acalles Schönherr 347
Acalligrapha Monros 310
Acallodes LeConte 350
Acalymma Barber 315
Acalyptus Schönherr 341
Acamptini 355
Acamptus LeConte 355
Acanthocinini 296
Acanthoderini 296
Acanthoscelides Schilsky 301
Acanthoscelidius Dalla Torre & Hustache 349
Acanthoscelis Dietz 349
Achenomorphus Motschulsky 113
Acholerops Casey 83
Acicnemidinae 338
Acidota Stephens 89
Aciliini 71
Acilius Leach 71
Acletus LeConte 212
Aclypea Reitter 85
Acmaeodera Eschscholtz 161
Acmaeoderinae 161
Acmaeoderini 161
Acmaeops LeConte 289
Acmaeopsilla Casey 290
Acmaeopsoides Linsley & Chemsak 293
Acoptus LeConte 348
Acrepis LeConte 200
Acritini 136
Acritus LeConte 136
Acrolocha Thomson 88
Acromacer Kuschel 324
Acropteroxys Gorham 224
Acroschatia Wilke 254
Acrotona Thomson 100
Acrotrichiinae 76
Acrotrichis Motschulsky 76
Acrulia Thomson 88
Actedium Motschulsky 21
Actiastes Casey 127
Actidium Matthews 75
Actium Casey 127
Actizona Chandler 127
Actobius Fauvel 117
Acupalpus Latreille 47
Acylamus Sharp 226
Acylophorus Nordmann 122
Adalia Mulsant 235
Adelina Dejean 255
Adephaga 7
Aderidae 275
Aderocharis Sharp 113
Aderus Westwood 275
Adimonia Laicharting 315
Adistemia Fall 240
Adota Casey 101
Adoxini 309
Adoxus Kirby 309
Adranes LeConte 129
Adranini 129
Aegialia Latreille 147
Aegialiini 146
Aegialites Dejean 270
Aegialitinae 270
Aegomorphus Haldeman 296
Aeletes Horn 136
Aeolus Eschscholtz 176
Aethiopoctines Thomson 296
Agabetes Crotch 63
Agabetinae 63
Agabetini 63
Agabini 67
Agabinus Crotch 67
Agabus Leach 67
Agalliaphagus Pierce 366
Agaporus Zimmermann 67
Agasphaerops Horn 332
Agathengis des Gozis 223
Agathidini 80
Agathidium Panzer 80
Agleninae 270
Aglenus Erichson 270
Aglyptinus Cockerell 79
Agonoderus Dejean 47
Agonodromius Reitter 52
Agonum Bonelli 52, 53
Agostenus Motschulsky 50
Agrabia Casey 236
Agrilaxia Kerremans 165
Agrilinae 167
Agrilini 167
Agrilus Curtis 167
Agriotella Brown 182
Agriotes Eschscholtz 182
Agriotini 182
Agroiconota Spaeth 323

Agronus Horn 332
Agyrtecanus Reitter 77
Agyrtes Frölich 77
Agyrtidae 77
Ahasverus des Gozis 220
Airora Reitter 207
Akephorus LeConte 17
Alamona Casey 155
Alaobia Thomson 102
Alaus Eschscholtz 175
Aleochara Gravenhorst 104
Aleocharinae 99
Aleocharini 104
Aleodorus Say 106
Aletinus Desbrochers 327
Alitargus Casey 242
Allandrini 325
Allandrus LeConte 325
Alleculinae 259
Alleculini 259
Alloeocnemis LeConte 199
Allonychus Zaitzev 67
Allopoda LeConte 276
Allopodini 276
Allorhagium Kolbe 289
Allosirocalus Colonnelli 350
Alniphagus Swaine 357
Alobates Motschulsky 261
Alobus LeConte 151
Alocentron Schilsky 328
Alphitobius Stephens 258
Alphitophagus Stephens 255
Altica Müller 317
Alticinae 316
Alyca LeConte 345
Alycodes Dietz 339
Amacylophorus Smetana 122
Amalus Schönherr 350
Amara Bonelli 35, 38
Amarygmini 259
Amaurostoma Müller 299
Amblopusa Casey 107
Amblycerinae 300
Amblycerus Thunberg 300
Amblyctis LeConte 247
Amblyderus LaFerté-Sénectère 271
Ambrosiodmus Hopkins 362
Americanotimarcha Jolivet 310
Americomaseus Csiki 34
Amerinus Casey 46
Amerizus Chaudoir 28
Amecocerus Solier 213
Ametor Semenov 132
Amischa Thomson 101
Amnesia Horn 333
Amniscus Haldeman 297
Ampedini 183
Ampedus Dejean 183
Ampeloglypter LeConte 352
Amphasia Newman 45
Amphicerus LeConte 200
Amphichroum Kraatz 90
Amphicrossus Erichson 216
Amphidora Eschscholtz 257
Amphimallon Berthold 153
Amphivectura Blaisdell 212
Amphizoa LeConte 61
Amphizoidae 61
Amydetinae 191
Amydrogmus Pierce 334
Anabolus Gistel 12
Anacaena Thomson 132
Anacentrinus Buchanan 353
Anadaptus Casey 43
Anaedus Blanchard 262
Anaglyptini 286
Anagrylius Casey 156
Analcis Schönherr 347
Analeptura Linsley & Chemsak 291
Anambodera Barr 161
Anametis Horn 334
Anaquedius Casey 122
Anaspidinae 276
Anaspidini 276
Anaspis Geoffroy 276
Anastictodera Casey 121
Anastrangalia Casey 293
Anatis Mulsant 235
Anatrinodia Casey 157
Anchastus LeConte 184
Anchicera Thomson 223
Anchodemus LeConte 335
Anchomenus Bonelli 52
Anchus LeConte 52
Anchytarsus Guérin-Méneville 169
Ancistronycha Markel 193
Ancylochira Eschscholtz 163
Ancyloderes Blackman 364
Ancylonycha Blanchard 152
Ancyronychini 172
Ancyronyx Erichson 172
Ancyrophorus Kraatz 94
Andrector Horn 315
Androchirus LeConte 260
Anelaphus Linsley 281
Anelastes Kirby 188
Anelpistus Horn 263
Anepsiini 253
Anepsius LeConte 253
Anepsiota Casey 101
Anisandrus Ferrari 362
Anisocalvia Crotch 235
Anisodactylus Dejean 43, 44
Anisomera LeConte 67
Anisorus Mulsant 288
Anisostena Weise 321

Anisosticta Dejean 233
Anisotarsus Chaudoir 45
Anisotoma Panzer 80
Anisoxya Mulsant 248
Anobiidae 201
Anobiinae 202
Anobiini 203
Anobium Fabricius 203
Anocomis Casey 283
Anogcodes Dejean 266
Anogdus LeConte 78
Anomala Samouelle 154
Anomalaegialia Brown 147
Anomalepta Casey 154
Anomalini 154
Anomalonychus Saylor 264
Anomalopus Casey 154
Anomoea Lacordaire 304
Anomoglossus Chaudoir 49
Anomoia Dejean 304
Anomophagus Reitter 218
Anoplis Kirby 163
Anoplitis Chapuis 321
Anoplitis Kirby 321
Anoplium Haldeman 280
Anoplotrupes Jekel 150
Anotylus Thomson 95
Antennalia Casey 278
Anthaxia Eschscholtz 165
Anthaxiini 165
Anthericomma Pierce 366
Antherophagus Latreille 221
Anthicidae 271
Anthicinae 271
Anthicini 271
Anthicus Paykull 271
Anthobates LeConte 276
Anthobatula Strand 276
Anthobium Leach 91
Anthobium auct. 87
Anthocomus Erichson 211
Anthomarphus Weise 343
Anthonominae 343
Anthonomini 343
Anthonomopsis Dietz 343
Anthonomus Germar 343
Anthophagini 89
Anthophylax LeConte 289
Anthrenini 198
Anthrenus Schaeffer 198
Anthribidae 324
Anthribinae 324
Anthribini 324
Anthribulus LeConte 324
Apator Semenov 67
Apatura Castelnau & Gory 165
Apelocera Chevrolat 286
Apenes LeConte 59
Aphanotus LeConte 258
Aphelogenia Chaudoir 56
Apheloplastus Brown 79
Aphenolia Reitter 215
Aphodiinae 146
Aphodiini 147
Aphodius Illiger 147
Aphonus LeConte 156
Aphorista Gorham 238
Aphrastus Say 333
Aphthona Chevrolat 317
Apion Herbst 328
Apionidae 328
Apionini 328
Aplemonini 329
Aplocentrus LeConte 44
Aploderus Stephens 93
Apocellus Erichson 95
Apodasyini 295
Apothinus Sharp 126
Apotomus Kirby 326
Apristus Chaudoir 58
Apteralium Casey 115
Apterius Blatchley 317
Apteroloma Hatch 77
Apteromechus Faust 348
Apterosoma Motschulsky 311
Apterospasta LeConte 265
Araecerini 324
Araecerus Schönherr 324
Araeopidius Cockerell 143
Araeopus LeConte 143
Archostemata 6
Arctelaphrus Semenov 16
Arctobia Thomson 15
Arctoclinidium Bell 7
Arctodytes Thomson 67
Arctolina Kontkanen 312
Areus Casey 109
Argaleus LeConte 288
Argante Gistel 162
Argutor Dejean 34
Arhopalus Audinet-Serville 279
Aridius Motschulsky 240
Arpedium Erichson 89
Arrhenodes Schönherr 327
Arrhenodini 327
Arrhenopeplus Koch 84
Arrhenoplita Kirby 255
Artematopidae 174
Arthrolips Wollaston 228
Arthromacra Kirby 262
Artochia Casey 90
Asaphes Kirby 181
Asaphidion des Gozis 20
Asclera Stephens 266
Asclerini 266
Ascoliocerus Méquignon 178

Aseminae 279
Asemini 279
Asemobius Horn 95
Asemum Eschscholtz 279
Asidini 254
Asidopsis Casey 254
Asiobates Thomson 74
Aspidius Mulsant & Rey 257
Astenina 117
Astenus Dejean 117
Asteria Fauvel 113
Astyleiopus Dillon 297
Astylopsis Casey 297
Asynonychus Crotch 329
Ataenius Harold 149
Atheta Thomson 101
Athetalia Casey 101
Athetini 100
Athetota Casey 101
Athoini 176
Atholus Thomson 139
Athous Eschscholtz 177
Atimia Haldeman 280
Atimiini 280
Atomaria Stephens 223
Atomariinae 223
Atomariini 223
Atrachela Gistel 308
Atractopterus LeConte 182
Atranus LeConte 52
Atrecus Jacquelin du Val 123
Attagenini 197
Attagenus Latreille 197
Attalus Erichson 212
Attelabidae 326
Attelabini 326
Attelabus Linné 326
Atymius Gistel 309
Auchenia Thunberg 304
Augyliini 169
Aulacon Arnett 175
Auletini 327
Auletobius Desbrochers 327
Auleutes Dietz 349
Aulobaris LeConte 352
Aulonium Erichson 251
Aulonothroscus Horn 186
Autalia Leach 107
Autaliini 107
Axinopalpus LeConte 58

Babia Chevrolat 305
Babiini 305
Babnormodes Park 127
Bacaniini 138
Bacanius LeConte 138
Bactridium LeConte 218
Badister Clairville 49
Baeckmanniolus Reichardt 137
Baeocera Erichson 125
Bagoini 341
Bagous Germar 341
Balaninus Germar 342
Baliosus Weise 321
Balophila Crotch 317
Baridinae 351
Baridini 351
Baridius Schönherr 351
Baris Germar 351
Barynotini 330
Barynotus Germar 330
Barypeithes Jacquelin du Val & Fairmaire 330
Barytachys Chaudoir 28
Bassareus Haldeman 307
Batrisinae 127
Batrisini 127
Batrisodes Reitter 127
Batyle Thomson 287
Batyleoma Casey 287
Baudia Ragusa 49
Beeria Hatch 120
Bellamira LeConte 290
Belonuchus Nordmann 119
Bembidiini 20
Bembidion Latreille 20, 27
Bembidionetolitzkya Strand 23
Berninelsonius Leseigneur 178
Berosinae 131
Berosus Leach 131
Bessobia Thomson 102
Bibloplectus Reitter 127
Bidensomela Monros 310
Bidessini 63
Bidessonotus Régimbart 63
Biphyllidae 241
Biphyllini 241
Bitoma Herbst 251
Bius Mulsant 258
Blapstinus Dejean 257
Blapylis Horn 257
Blechrus Motschulsky 58
Bledius Leach 93
Blemus Dejean 19
Blepharida Chevrolat 316
Blepharidula Weise 316
Blepharoplataphus Netolitzky 23
Blethisa Bonelli 15
Blitophaga Reitter 85
Bolboceras Kirby 150
Bolboceratini 150
Bolbocerosoma Schaeffer 150
Boliographa Motschulsky 310
Bolitobiini 98
Bolitobius Leach 98
Bolitobus Tottenham 98
Bolitochara Mannerheim 107

Bolitocharina 107
Bolitophagini 255
Bolitophagus Illiger 255
Bolitotherus Candèze 255
Bomius LeConte 58
Boreades Parsons 214
Boreaphilus Sahlberg 89
Boreobia Tschitschérine 31
Boreocanthon Halffter 146
Boreoglymmius Bell & Bell 7
Boreophilia Benick 102
Boreosaxinis Moldenke 305
Boreostiba Lohse 101
Boridae 268
Borophloeus Wollaston 355
Boros Herbst 268
Boschella Barr 210
Bostrichidae 199
Bostrichinae 200
Bostrichini 200
Bostrichoidea 199
Bothrideres Erichson 252
Bothriderinae 252
Bothriderini 252
Bothriopterus Chaudoir 32
Brachiacantha Dejean 232
Brachinini 18
Brachinus Weber 18
Brachybamus Germar 341
Brachycepsis Brendel 83
Brachycis Casey 245
Brachycoryna Guérin-Méneville 322
Brachycrepis LeConte 184
Brachyderinae 329
Brachyderini 330
Brachygluta Thomson 128
Brachyglutini 128
Brachyini 168
Brachyleptura Casey 293
Brachylobus Chaudoir 50
Brachymorphus Chevrolat 210
Brachynotus Kirby 192
Brachypnoea Gistel 308
Brachypterolus Grouvelle 214
Brachypterus Kugelann 214
Brachyrhinus Latreille 331
Brachys Solier 168
Brachysomida Casey 290
Brachysomus Schönherr 330
Brachystilus Chaudoir 31
Brachytarsoides Pierce 324
Brachyusa Mulsant & Rey 100
Bracteomimus Lindroth 21
Bracteon Bedel 20
Bradybatini 344
Bradycellus Erichson 46
Bradytus Stephens 36
Brathinus LeConte 89
Brennus Motschulsky 13
Brenthidae 327
Bromius Chevrolat 309
Brontes Fabricius 220
Broscini 19
Broscodera Lindroth 19
Broscus Panzer 19
Bruchidae 300
Bruchidius Schilsky 301
Bruchinae 300
Bruchus Linné 301
Bruesia Perkins 366
Brumoides Chapin 233
Bryaxis Leach 128
Brychius Thomson 60
Bryonomus Casey 119
Bryoporus Kraatz 98
Buprestidae 160
Buprestinae 162
Buprestini 163
Buprestis Linné 163
Buprestoidea 160
Byrrhidae 158
Byrrhinae 158
Byrrhini 158
Byrrhodes LeConte 205
Byrrhoidea 158
Byrrhus Linné 158
Byrsopages Schömherr 335
Bythinini 128
Bythinopsis Raffray 128
Byturidae 241
Byturini 241
Byturus Latreille 241

Cacoplia LeConte 294
Cacotemnus LeConte 203
Cadocera Eschscholtz 149
Caenia Newman 189
Caeniella Cockerell 189
Caenocara Thomson 204
Caenocyrta Brown 79
Caenoscelini 222
Caenoscelis Thomson 222
Caerosternus LeConte 138
Cafius Stephens 119
Calandra Clairville 354
Calandrinus LeConte 353
Calathus Bonelli 51
Calitys Thomson 207
Calleida Dejean 58
Callidiini 282
Callidium Mulsant 283
Calligrapha Chevrolat 310
Callimellum Strand 282
Callimoxys Kraatz 282
Callimus Mulsant 282
Callipara Motschulsky 10

Callistenia Vacher de Lapouge 11
Callisthenes Fischer von Waldheim 11
Callisthini 49
Callitropa Motschulsky 10
Calloides LeConte 285
Callosobruchus Pic 300
Calochara Casey 104
Calochromus Guérin-Méneville 188
Caloderma Casey 113
Calodrepa Motschulsky 10
Calomycterus Roelofs 334
Calopodinae 266
Calopterini 189
Calopteron Guérin-Méneville 189
Calopus Fabricius 266
Calosirus Thomson 350
Calosoma Weber 10
Calvia Mulsant 235
Calymmaderini 204
Calymmaderus Solier 204
Calyptomerus Redtenbacher 141
Camptorhina Kirby 151
Campylirhynchus Dejean 351
Canastota Casey 100
Canifa LeConte 276
Canonura Casey 296
Cantharidae 192
Cantharinae 192
Cantharini 193
Cantharis Linné 193
Cantharoidea 188
Canthon Hoffmansegg 146
Canthostethus Haldeman 306
Caphalistes Motschulsky 212
Capnochroa LeConte 260
Capraita Bechyné 320
Carabidae 8
Carabini 10
Carabus Linné 11
Carcinops Marseul 138
Carcinus Marseul 138
Cardiophorinae 185
Cardiophorus Eschscholtz 185
Carebara LeConte 247
Carpelimus Leach 94
Carphacis des Gozis 98
Carphoborus Eichhoff 359
Carphonotus Casey 356
Carpophilinae 214
Carpophilus Stephens 214
Carrhydrus Fall 69
Cartodere Thomson 240
Cassida Linné 322
Cassidinae 322
Cassidini 322
Catapastus Casey 353
Cateretes Herbst 214
Cateretinae 214
Catharellus Casey 46
Cathartosilvanus Grouvelle 220
Catogenus Westwood 219
Catopocerinae 80
Catopocerus Motschulsky 80
Catops Paykull 81
Catoptrichus Murray 81
Catorama Guérin-Méneville 205
Cedius LeConte 129
Celetes Newman 189
Celia Zimmermann 36
Celiamorphus Casey 43
Celina Aubé 63
Centrinapsis Casey 353
Centrinini 353
Centrinogyna Casey 353
Centrodera LeConte 288
Centronopus Solier 258
Centuriatus Pacheco 169
Ceophyllini 129
Ceophyllus LeConte 129
Cephalogyna Casey 44
Cephaloidae 262
Cephaloinae 262
Cephaloon Newman 262
Ceracis Mellié 245
Ceralimnius Hinton 173
Cerambycidae 277
Cerambycinae 280
Cerandria Lucas 255
Ceratalttica Crotch 317
Ceratapion Schilsky 328
Ceratoderus Blanchard 271
Ceratographis Gahan 297
Ceratoma Dozier 315
Ceratomegilla Crotch 233
Ceratopidonia Linsley & Chemsak 293
Cercolia Casey 293
Cercopedius Sleeper 332
Cercyon Leach 134
Cercyonini 134
Cerophorus Castelnau 216
Cerotana Bowditch 315
Cerotoma Chevrolat 315
Ceruchini 144
Ceruchus MacLeay 144
Cerylon Latreille 227
Cerylonidae 227
Ceryloninae 227
Cetoniinae 157
Cetoniini 157
Ceutorhynchidius Jacquelin du Val 349
Ceutorhynchinae 349
Ceutorhynchini 349
Ceutorhynchus Germar 349
Chaerocassis Spaeth 323
Chaetarthria Stephens 131
Chaetarthriinae 131

Chaetechus Horn 332
Chaetocnema Stephens 319
Chaetophloeus LeConte 358
Chaetophora Stephens 158
Chalcoidea Motschulsky 311
Chalcoparia Crotch 308
Chalcophora Solier 161
Chalcophorinae 161
Chalcophorini 161
Chalcohyus Blackman 359
Chalepini 321
Chalepus Thunberg 321
Chapmania Bernhauer 95
Charaphloeus Casey 219
Charhyphus Sharp 95
Charidotella Weise 323
Chariessa Perty 210
Charisalia Casey 291
Chauliognathinae 195
Chauliognathini 195
Chauliognathus Hentz 195
Chelonychus Dietz 343
Chelymorpha Chevrolat 322
Chilocorinae 233
Chilocorini 233
Chilocorus Leach 233
Chion Newman 286
Chionotyphlus Smetana 113
Chirida Chapuis 323
Chitalia Sharp 106
Chlaeniellus Reitter 50
Chlaenius Bonelli 49, 50
Chlamisinae 307
Chloephaga Weise 320
Cholevinae 81
Cholevini 81
Choraginae 324
Choragini 324
Chramesus LeConte 358
Chromatia LeConte 259
Chrysobothrinae 166
Chrysobothrini 166
Chrysobothris Eschscholtz 166
Chrysobracteon Netolitzky 20
Chrysochus Chevrolat 309
Chrysodina Baly 308
Chrysolina Motschulsky 311
Chrysomela auct. 311
Chrysomela Linné 313
Chrysomelidae 301
Chrysomelinae 310
Chrysomelini 310
Chrysomeloidea 277
Chrysomelopsila Strand 313
Chrysomelopsis Achard 313
Chrysophana LeConte 161
Chrysostigma Kirby 10
Cicindela Linné 8
Cicindelidia Rivalier 10
Cicindelini 8
Cidnorhinus Thomson 350
Ciidae 244
Ciinae 244
Ciini 244
Cilea Jacquelin du Val 97
Cimberidini 324
Cimberis des Gozis 324
Cimbocera Horn 333
Ciocotalpa Saylor 155
Circinalia Casey 54
Circinalidia Casey 54
Circinoporus Guignot 65
Circomus Fleischer 258
Cis Latreille 244
Cistela Fabricius 259
Clambidae 141
Clambus Fischer von Waldheim 141
Clamoris des Gozis 253
Clavigerinae 129
Clavilispinus Bernhauer 92
Cleonidius Casey 336
Cleoninae 336
Cleonini 336
Cleonis Dejean 336
Cleonus Schönherr 336
Cleopomiarus Pierce 347
Cleptelmis Sanderson 172
Cleridae 208
Clerinae 208
Clerini 209
Cleroidea 206
Clinidium Kirby 7
Clivina Latreille 18
Clivinini 17
Clusiota Casey 102
Clytini 284
Clytoleptus Casey 286
Clytrinae 304
Clytrini 304
Clytus Laicharting 285
Cnemidotus Erichson 61
Cnemocyllus Dietz 343
Cnemogonini 349
Cnemogonus LeConte 349
Cneoglossini 143
Cneorhinini 330
Coccidophilus Brethes 229
Coccidula Kugelann 233
Coccidulinae 233
Coccidulini 233
Coccinella Linné 235
Coccinellidae 229
Coccinellinae 233
Coccinellini 233
Coccotorus LeConte 344
Coelambus Thomson 64

Coelini 254
Coelocephalapion Wagner 328
Coelocnemis Mannerheim 261
Coelogaster Schönherr 349
Coelometopinae 260
Coelometopini 260
Coelomorpha Casey 254
Coelostethus LeConte 203
Coelotaxis Horn 253
Coelus Eschscholtz 254
Colaspis Fabricius 308
Colastus Erichson 214
Colenis Erichson 79
Coleomegilla Timberlake 233
Coleothorpa Moldenke 305
Collapteryx Newman 294
Colliuris DeGeer 56
Collops Erichson 211
Colon Herbst 80
Coloninae 80
Colopterus Erichson 214
Colposura Casey 101
Colydiidae 251
Colydiinae 251
Colydiini 251
Colydium Fabricius 252
Colymbetes Clairville 69
Colymbetinae 67
Colymbetini 69
Comstockia Van Dyke 52
Conalia Mulsant & Rey 249
Coninomus Thomson 240
Coniocleonus Motschulsky 336
Coniontellus Casey 253
Coniontides Casey 253
Coniontini 253
Coniontis Eschscholtz 253
Coniophagus Mink 213
Coniophthalma Kangas 221
Conithassa Thomson 239
Connatichela Anderson 334
Connophron Casey 82
Conoderus Eschscholtz 176
Conophthorus Hopkins 363
Conoplectus Brendel 126
Conotelus Erichson 214
Conotrachelus Dejean 347
Copelatinae 62
Copelatini 62
Copelatus Erichson 62
Cophes Champion 348
Copidita LeConte 266
Coprini 146
Copris Müller 146
Coprochara Mulsant & Rey 104
Coprophilini 92
Coprophilus Latreille 93
Coproporus Kraatz 96
Coptotomini 70
Coptotomus Say 70
Copturodes Casey 348
Coraebini 167
Cordalia Jacobs 105
Cordoharpalus Hatch 41
Coreopsomela Monros 310
Corioxenidae 366
Corioxeninae 366
Corphyra Say 274
Corthylini 363
Corthylus Erichson 365
Corticaria Marsham 240
Corticariinae 240
Corticarina Reitter 241
Corticeus Piller & Mitterpacher 256
Corticotomus Sharp 207
Cortilena Motschulsky 241
Cortinicara Johnson 241
Cortodera Mulsant 290
Corylophidae 228
Corylophinae 228
Corymbites Latreille 179
Coryphiini 89
Coryphium Stephens 89
Cosmobaris Casey 352
Cosmosalia Casey 294
Cosnania Dejean 56
Cossoninae 355
Cossonini 355
Cossonus Clairville 355
Cotalpa Burmeister 155
Coxelus Horn 251
Craponius LeConte 349
Cratacanthus Dejean 39
Cratidus LeConte 257
Cratomorphini 190
Cratonychus Dejean 184
Cregya LeConte 210
Cremastocheilini 157
Cremastocheilus Knoch 157
Creniphilus Horn 132
Crenitis Bedel 132
Crenitulus Winters 132
Creophilus Samouelle 120
Crepidodera Chevrolat 319
Crepidophorus Mulsant & Guillebean 177
Crepidotritus LeConte 184
Crine Pascoe 218
Criocephalum Dejean 279
Criocephalus Mulsant 279
Criocerinae 304
Criocerini 304
Crioceris Müller 304
Crioscapha Horn 246
Crosimus Casey 221
Crossidius LeConte 287
Crymodes LeConte 268

Cryobius Chaudoir 34
Cryocarabus Vacher de Lapouge 11
Cryphalini 362
Cryphalus Erichson 362
Cryptarcha Shuckard 217
Cryptarchinae 217
Cryptobiina 116
Cryptobium Mannerheim 116
Cryptocephalinae 305
Cryptocephalini 306
Cryptocephalus Müller 306
Cryptocleptes Blackman 359
Cryptohypnus Eschscholtz 178
Cryptolestes Ganglbauer 220
Cryptophagidae 221
Cryptophaginae 221
Cryptophagini 221
Cryptophagistes Crotch 221
Cryptophagus Herbst 221
Cryptophilinae 224
Cryptophilini 224
Cryptophilus Reitter 224
Cryptopleurum Mulsant 135
Cryptorhopalum Guérin-Méneville 198
Cryptorhynchidius Pierce 348
Cryptorhynchinae 347
Cryptorhynchini 347
Cryptorhynchus Illiger 348
Cryptoweisea Gordon 229
Cryptulocleptus Wood 359
Crypturgini 361
Crypturgus Erichson 361
Ctenicera Latreille 179
Ctenistini 129
Ctenobium LeConte 202
Ctenodactylini 56
Ctenonychus Stephens 184
Cucujidae 219
Cucujinae 219
Cucujoidea 213
Cucujus Fabricius 219
Cupedidae 6
Cupedinae 6
Cupedini 6
Cupes Fabricius 6
Cupila Casey 127
Curculio Linné 342
Curculionidae 329
Curculionoidea 323
Curculioninae 342
Curimopsis Ganglbauer 158
Curtonotus Stephens 35
Curvimanon Fleischer 80
Cybister Curtis 72
Cybistrini 72
Cybocephalinae 217
Cybocephalus Erichson 217
Cychramus Kugelann 216

Cychrini 12
Cychrus Fabricius 13
Cyclinus Kirby 72
Cycliopleurus Hope 281
Cyclocephala Latreille 155
Cyclocephalini 155
Cycloneda Crotch 236
Cyclotrachelus Chaudoir 35
Cylindera Westwood 10
Cylindridia Casey 353
Cylindrocharis Casey 31
Cylindrocopturus Heller 348
Cylister Cooman 140
Cylistix Marseul 140
Cyllene Newman 284
Cyllodes Erichson 217
Cyllopodes Murray 214
Cymatodera Gray 208
Cymatopterus Dejean 69
Cymbiodyta Bedel 133
Cymindis Latreille 59
Cynaeus LeConte 255
Cypha Leach 108
Cyphea Fauvel 107
Cyphelophorus Kuwert 131
Cyphicerini 334
Cyphina 107
Cyphirhinus Schönherr 351
Cyphomimus Horn 330
Cyphon Paykull 142
Cyrtepistomus Marshall 334
Cyrtinini 298
Cyrtinus LeConte 298
Cyrtocaraxenos Pierce 366
Cyrtomoptera Motschulsky 193
Cyrtomoptila Motschulsky 193
Cyrtophorus LeConte 286
Cyrtoscydmus Motschulsky 83
Cyrtotriplax Crotch 225
Cyrtusa Erichson 79
Cytilus Erichson 160

Dacne Latreille 225
Dacninae 225
Dacyrtocara Pierce 366
Dalopius Eschscholtz 182
Dalotia Casey 100
Dampfius Pacheco 170
Danae Reiche 238
Daniela Netolitzky 23
Danosoma Thompson 175
Dascillidae 143
Dascillinae 143
Dascilloidea 143
Dasydera LeConte 150
Dasyglossa Kraatz 99
Dasypogon LeConte 175
Dasyrhadus Fall 213

Dasytes Paykull 212
Dasytinae 212
Datomicra Mulsant & Rey 100
Dearthrus LeConte 198
Decarthron Brendel 128
Dectes LeConte 297
Deinopsini 108
Deinopsis Matthews 108
Deinopteroloma Jansson 91
Deleaster Erichson 92
Deloyala Chevrolat 323
Delphacixenos Pierce 367
Delphastus Casey 229
Delphota Casey 103
Deltometopus Bonvouloir 187
Deltostethus Sharp 134
Dendroctonus Erichson 357
Dendroides Latreille 269
Dendrophagus Schönherr 220
Dendrophilinae 138
Dendrophilini 138
Dendrophilus Leach 138
Denticollis Piller & Mitterpacher 177
Deratanchus Casey 55
Deratopeus Casey 115
Derelomini 341
Deretaphrini 252
Deretaphrus Newman 252
Dermestes Linné 196, 197
Dermestidae 196
Dermestini 196
Dermestinus Zhantiev 196
Dermestoidea 195
Derocrepis Weise 318
Derodontidae 195
Derodontinae 196
Derodontus LeConte 196
Deronectes auct. amer. 66
Derospidea Blake 314
Derulus Tschitchérine 31
Derus Motschulsky 31
Descarpentriesina Leraut 163
Desmatogaster Knutson 203
Desmocerini 287
Desmocerus Audinet-Serville 287
Desmopachria Babington 63
Desmoris LeConte 340
Devia Blackwelder 99
Diabrotica Chevrolat 315
Diacheila Motschulsky 15
Diachus LeConte 307
Diagrapha Newman 189
Dialytellus Brown 149
Dialytes Harold 149
Dianchomena Chaudoir 57
Dianous Samouelle 109
Dianusa Casey 107
Diaperinae 254
Diaperini 255
Diaperis Müller 255
Diaphoetes Waterhouse 120
Diaphoromerus Chaudoir 45
Diaulota Casey 107
Diazus LeConte 151
Dibolia Latreille 320
Dibolocelus Bedel 133
Dicaelus Bonelli 48
Dicentrus LeConte 280
Dicerca Eschscholtz 162
Dicercini 162
Dicheirus Mannerheim 45
Dichelonycha Kirby 153
Dichelonyx Harris 153
Dichromina Casey 155
Dictyopterus Mulsant 188
Dicyrtocercyon Ganglbauer 134
Didetus LeConte 50
Didion Casey 229
Dienerella Reitter 239
Dietzella Champion 349
Dietzianus Sleeper 344
Dimetrota Mulsant & Rey 100
Dimetrotina Casey 100
Dinaraea Thomson 102
Dineutus MacLeay 72
Dinoderinae 200
Dinodromius Casey 58
Diocalandra Faust 355
Diocarabus Reitter 12
Diochini 123
Diochus Erichson 123
Diomus Mulsant 231
Dioxocera Pierce 366
Diozocera Pierce 366
Diozodes Haldeman 281
Diphyaulon Arnett 175
Diplocampa Bedel 27
Diplocheila Brullé 48
Diplocoelus Guérin-Méneville 241
Diplotaxis Kirby 151
Diplous Motschulsky 30
Dirabius Casey 353
Dircaea Fabricius 248
Dirhaginae 187
Dirhagus Latreille 187
Disamara Lindroth 35
Discoderus LeConte 43
Disonycha Chevrolat 319
Distemmus LeConte 88
Distichalius Casey 122
Distigmoptera Blake 320
Ditemnus LeConte 194
Ditropalia Casey 107
Ditylini 266
Ditylus Fischer von Waldheim 266
Dolerosomus Motschulsky 182

Dolichocis Dury 244
Dolichosoma Stephens 212
Doliema Pascoe 255
Dolopiosomus Motschulsky 184
Dolurgus Eichhoff 361
Donacia Fabricius 302
Donaciella Reitter 302
Donaciinae 302
Donaciini 302
Donaciomima Medvedev 303
Donesia Casey 103
Dorcaschema Haldeman 295
Dorcaschematini 295
Dorcasina Casey 291
Dorcatoma Herbst 204
Dorcatominae 204
Dorcatomini 204
Dorcini 144
Dorcus MacLeay 144
Dorthesia Say 250
Dorytomus Germar 339
Doydirhynchinae 324
Drachylis Casey 262
Drapetes Dejean 186
Drasterius Eschscholtz 176
Drastophus Casey 82
Dromaeolus Kiesenwetter 187
Dromius Bonelli 58
Drusilla Leach 106
Dryocoetes Eichhoff 361
Dryocoetini 361
Dryophilinae 201
Dryophthorinae 356
Dryophthorini 356
Dryophthorus Germar 356
Dryopidae 171
Dryopoidea 169
Dryops Olivier 171
Dubiraphia Sanderson 172
Dularius Thomson 284
Dynastinae 155
Dyschirius Bonelli 17
Dysidius Chaudoir 32
Dyslobus LeConte 333
Dysmathes Mannerheim 61
Dytiscidae 62
Dytiscinae 71
Dytiscini 71
Dytiscus Linné 71

Eanus LeConte 181
Eburia Audinet-Serville 280
Ecarinosphaerula Hatch 79
Echinaspis Blatchley 347
Echocerus Horn 255
Echochara Casey 105
Echyra Erichson 154
Ectopria LeConte 174
Ecyrus LeConte 295
Elacatis Pascoe 270
Elaphidiini 280
Elaphidion Audinet-Serville 281
Elaphidionoides Linsley 281
Elaphrini 15
Elaphropus Motschulsky 28
Elaphrotatus Semenov 16
Elaphroterus Semenov 16
Elaphrus Fabricius 16
Elasmocerus LeConte 208
Elassoptes Horn 355
Elater Linné 181
Elateridae 175
Elaterinae 181
Elaterini 181
Elateroidea 174
Elateroides Schaeffer 206
Elathous Reitter 177
Elatotrypes Fisher 284
Elatrinus Horn 184
Eleates Casey 255
Eleodes Eschscholtz 256
Eleodini 256
Eleodopsis Blaisdell 257
Eleusinini 92
Elissa Casey 331
Elleschini 345
Elleschus Dejean 345
Ellipsoptera Dohktourow 10
Ellychnia LeConte 191
Elmidae 172
Elminae 172
Elmini 172
Elodes Latreille 142
Elonium Leach 88
Elonus Casey 275
Elytroleptus Dugés 287
Elytrusa Casey 101
Embaphion Say 257
Emmesa Newman 246
Empelinae 87
Empelus LeConte 87
Emphanes Motschulsky 27
Emphyastes Mannerheim 337
Emphyastini 337
Empinodes Park 127
Emplenota Casey 105
Enaphalodes Haldeman 280
Encalus LeConte 345
Enchodes LeConte 247
Encyclops Newman 288
Endalus Castelnau 341
Endecatominae 200
Endecatomus Mellié 200
Endectus LeConte 252
Endeitoma Sharp 251
Endeodes LeConte 211

Endomychidae 237
Endomychinae 239
Endomychini 239
Endomychus Panzer 239
Endrosa LeConte 152
Engamota Casey 100
Engis Paykull 225
Enhydrini 72
Enicmus Thomson 239
Enicocerus Stephens 74
Ennearthron Mellié 244
Enochrus Thomson 132
Enoclerus Gahan 209
Enopliini 210
Enoplurus Hope 131
Entomophthalmus Bonvouloir 187
Entomoscelis Chevrolat 313
Epauloecus Mulsant & Rey 205
Epeuchaetes Lyman 353
Ephalus LeConte 257
Ephistemus Stephens 223
Epicauta Dejean 264
Epicautina 264
Epierus Erichson 138
Epilachna Dejean 237
Epilachninae 237
Epilachnini 237
Epiphanis Eschscholtz 188
Epiphloeini 210
Episcopellus Casey 43
Episernus Thomson 202
Epismilia Cockerell 229
Epitrix Foudras 319
Eplophorus Chevrolat 286
Epuraea Erichson 215
Epuraeanella Crotch 215
Erchomus Motschulsky 96
Eremninae 334
Eremosis des Gozis 312
Ergates Audinet-Serville 277
Ergatini 277
Erichsonius Fauvel 117
Eriopsilus Bates 295
Erirhininae 339
Erirhinini 339
Erirhinus Schönherr 339
Erirhipidia Casey 157
Erirhipis Burmeister 157
Ernobiinae 202
Ernobiini 202
Ernobius Thomson 202
Eronyxa Reitter 207
Eropterus Green 189
Eros Newman 189
Erotides Waterhouse 189
Erotylidae 225
Erynephala Blake 315
Euaesthetinae 112
Euaesthetus Gravenhorst 112
Eubaeocera Cornell 125
Eubriinae 174
Eubrychiopsis Dietz 351
Eubrychius Thomson 351
Eubulus Kirsch 348
Eucanthus Westwood 150
Euceratocerini 202
Euchaetes LeConte 353
Eucharina Casey 104
Eucicones Sharp 251
Eucinetidae 141
Eucinetoidea 141
Eucinetus Germar 141
Euclyptus Dietz 341
Eucnecosum Reitter 90
Eucnemidae 186
Eucneminae 187
Euconnini 82
Euconnus Thomson 82
Eucrada LeConte 201
Eucradini 201
Eucryptusa Casey 107
Euderces LeConte 286
Eudromus Kirby 21
Euferonia Casey 33
Eugnamptus Schönherr 326
Euharpalops Casey 41
Eulathrobium Casey 116
Euliusa Casey 100
Eumalus Sharp 92
Eumichthini 282
Eumichthus LeConte 282
Eumicrota Casey 107
Eumitocerus Casey 99
Eumolpinae 308
Eumolpini 308
Eumolpus Redtenbacher 309
Eumorphinae 238
Eunonia Casey 93
Eunyssobia Casey 353
Euophryum Broun 355
Eupactus LeConte 204
Eupagoderes Horn 334
Eupariini 149
Eupariini 324
Euparius Schönherr 324
Eupetedromus Netolitzky 25
Euphorhipis Casey 157
Euphoria Burmeister 157
Euphoriaspis Casey 157
Eupisenus Casey 243
Euplectinae 126
Euplectini 126
Euplectus Leach 126
Eupleurida LeConte 269
Eupogonius LeConte 295
Eupogonocherus Linsley 296

Eupristocerus Deyrolle 167
Eurea LeConte 174
Eurelymis Casey 212
Euremus Bierig 119
Eurhizophagus Mequignon 218
Europhilus Chaudoir 52
Eurydactylus LaFerté-Sénectère 49
Euryderus LeConte 40
Eurygeniinae 274
Eurygeniini 274
Eurylister Bickhardt 140
Eurymeloe Reitter 263
Eurymetopini 253
Eurymycter LeConte 325
Euryoptera Horn 284
Eurypalpus LeConte 174
Eurypogon Motschulsky 175
Eurysphindinae 213
Eurysphindus LeConte 213
Eurystethus Seidlitz 270
Eurytrachelus Motschulsky 21
Eurytrichus LeConte 45
Eusomalia Casey 160
Eusphalerini 87
Eusphalerum Kraatz 87
Eusphyrus LeConte 325
Euspilotus Lewis 137
Eustilbus Sharp 226
Eustrophinae 246
Eustrophinus Seidlitz 246
Eustrophus Illiger 246
Eutetrapha Bates 298
Eutheia Stephens 83
Eutheiini 83
Euthyna Gistel 304
Eutoxotus Casey 288
Eutrichapion Reitter 328
Eutrichites LeConte 128
Euvacusus Casey 273
Euvrilletta Fall 204
Euxenus LeConte 324
Euxestinae 227
Evarthrus LeConte 35
Evodinus LeConte 289
Evoplus LeConte 255
Evotus LeConte 332
Excavodes Park 127
Exema Lacordaire 307
Exochomus Redtenbacher 233
Exomella Casey 159
Exopioides Guérin-Méneville 199
Exosternini 140
Explorator Pacheco 169

Fabricianus Weise 307
Falacer Castelnau 259
Falagria Leach 105
Falagriini 105
Fallapion Kissinger 328
Faroninae 126
Faronini 126
Feronia Latreille 30
Fidia Walsh 309
Flavohelodes Klausnitzer 142
Florilinus Mulsant & Rey 199
Fluvicola DeKay 174
Fornax Castelnau 187
Foveoscapha Park & Wagner 126
Funda Blackwelder 104
Furcacampa Netolitzky 26
Fuscocalathus Nègre 51

Gabrius Stephens 119
Gabronthus Tottenham 119
Galerita Fabricius 59
Galeritina Jeannel 59
Galeritini 59
Galeritula Strand 59
Galeruca Müller 315
Galerucella Crotch 314
Galerucinae 314
Galerucini 314
Galeruclerus Gahan 210
Gastrallini 202
Gastrallus Jacquelin du Val 202
Gastrellarius Casey 32
Gastroeidea Hope 312
Gastrolobium Casey 116
Gastrophysa Chevrolat 312
Gastrotaphrus Buchanan 338
Gaurambe Thomson 207
Gaurodytes Thomson 67
Gauropterus Thomson 123
Gaurotes LeConte 289
Gehringia Darlington 19
Gehringiini 19
Gelus Casey 348
Genattus Sharp 197
Gennadota Casey 99
Genyon Smetana 134
Geoderces Horn 333
Geodercodes Casey 332
Geodromicus Redtenbacher 91
Geomorus Schönherr 336
Geomysaprinus Ross 137
Geopatrobus Darlington 29
Geopinus LeConte 43
Georyssidae 135
Georyssus Latreille 135
Geostiba Thomson 101
Geotrupes Latreille 150
Geotrupinae 150
Geotrupini 150
Gephelophorus Sharp 131
Geraeus Pascoe 353
Gerstaeckeria Champion 347

Gibbiinae 205
Gibbium Scopoli 205
Gibbobruchus Pic 301
Glaphyra Newman 282
Glaphyrinae 150
Glaphyrocanthon Martinez 146
Glaresis Erichson 150
Glipa LeConte 249
Glipostenoda Ermisch 250
Glischrochilus Reitter 217
Glycerius Casey 46
Glycobius LeConte 284
Glyphonyx Candèze 182
Glyphuroplata Uhmann 322
Glyptasida Casey 254
Glyptina LeConte 317
Glyptoderus LaFerté-Sénectère 49
Glyptoma Erichson 92
Glyptophorus Park 221
Glyptoscelis Chevrolat 309
Gnathacmaeops Linsley & Chemsak 290
Gnathium Kirby 266
Gnathoncus Jacquelin du Val 138
Gnathospasta Horn 264
Gnathotrichoides Blackman 364
Gnathotrichus Eichhoff 364
Gnathusa Fenyes 99
Gnatocerus Thunberg 255
Gnorimella Casey 158
Gnypeta Thomson 100
Goes LeConte 295
Golgia Mulsant 238
Goniacerinae 128
Goniaderinae 262
Gonioctena Chevrolat 313
Goniolophus Casey 47
Gonocallus LeConte 282
Gonocephalum Chevrolat 257
Gonoderini 259
Gonoderus Motschulsky 31
Gonops LeConte 325
Gonotropis LeConte 325
Grammoptera Audinet-Serville 291
Graphicallo Monros 310
Graphisurus Kirby 297
Graphoderus Dejean 71
Graphops LeConte 309
Graptodera Chevrolat 317
Gratusus Casey 242
Gronevus Casey 228
Grynocharis Thomson 207
Grypidius Schönherr 339
Grypus Germar 339
Gymnetrinae 346
Gymnetrini 346
Gymnetron Schönherr 346
Gymnis LeConte 152
Gymnochthebius d'Orchymont 74
Gymnodus Kirby 157
Gymnota Gistel 163
Gymnusa Gravenhorst 108
Gymnusini 108
Gynandropus Dejean 43
Gynandrotarsus LaFerté-Sénectère 44
Gynopterus Mulsant & Rey 206
Gyrinidae 72
Gyrininae 72
Gyrinini 73
Gyrinulus Zaitzev 73
Gyrinus Müller 73
Gyrohypnus Samouelle 124
Gyrophaena Mannerheim 106
Gyrophaenina 106
Gyrophaenini 106
Gyrotus Casey 348

Habrocerinae 99
Habrocerus Erichson 99
Hadraule Thomson 245
Hadrobregmini 203
Hadrobregmus Thomson 203
Hadroplontus Thomson 350
Hadrotes Mäklin 120
Haemoniini 303
Haida Keen 91
Halictophagidae 366
Halictophaginae 366
Halictophagus Bohart 366
Haliplidae 60
Haliplus Latreille 60
Hallomeninae 246
Hallomenus Panzer 246
Halobrecthina Bernhauer 103
Hamaba Casey 346
Hapalaraea Thomson 88
Hapalorhinus LeConte 211
Hapalosalia Casey 292
Haplandrus LeConte 260
Haplanthaxia Reitter 165
Haplochile LeConte 29
Haplocoelus Chaudoir 31
Haplophoria Casey 157
Haplorhynchites Voss 327
Haplostethops Casey 353
Hargium Samouelle 289
Harminius Fairmaire 177
Harmoniaspis Casey 236
Harpalellus Lindroth 42
Harpalini 39
Harpalobrachys Tschitschérine 40
Harpalomerus Casey 41
Harpalus Latreille 40, 41
Harpasta Gistel 305
Hebestola Haldeman 294
Helichus Erichson 171
Helobium Leach 15

Helocerus Mulsant & Rey 199
Helocharini 132
Helocombus Horn 133
Helodes Paykull 312
Helophorinae 130
Helophorus Fabricius 130
Helopini 258
Helops Fabricius 258
Hemantus Casey 273
Hemicallidium Casey 283
Hemicarabus Géhin 12
Hemicoelus LeConte 203
Hemicrepidius Germar 181
Hemicyphon LeConte 142
Hemimedon Casey 113
Hemiptychus LeConte 205
Hemiquedius Horn 122
Hemisopalus Casey 43
Hemispilota Casey 154
Hemistenus Motschulsky 109
Henoticoides Hatch 221
Henoticus Thomson 221
Henotiderus Reitter 221
Henous Haldeman 264
Hesperobaenus LeConte 218
Hesperobium Casey 116
Hesperolinus Casey 124
Hesperophanes Mulsant 280
Hesperophanini 280
Hesperosaprinus Wenzel 137
Hesperus Fauvel 119
Hetaeriinae 141
Hetaeriini 141
Hetaerius Erichson 141
Heterachthes Newman 281
Heteracthon Thomson 281
Heterarthron Dejean 199
Heteraspis LeConte 309
Heterhelus Jacquelin du Val 214
Heterlimnius Hinton 173
Heteroceridae 169
Heterocerini 170
Heterocerus Fabricius 170
Heterodromia Haldeman 220
Heteronychus Seidlitz 67
Heterops Mannerheim 90
Heteropus Castelnau 257
Heterosilpha Portevin 85
Heterosternus Zimmermann 65
Heterosternuta Strand 65
Heterostethus Falkenstrom 65
Heterothops Stephens 121
Hetoemis Haldeman 295
Hexarthrum Wollaston 355
Hexirhexius Grigarick & Schuster 126
Hilara Mulsant & Rey 102
Hilarina Casey 100
Himatinum Cockerell 355
Himatium Wollaston 355
Himatolabus Jekel 326
Hippodamia Dejean 234
Hippopsini 296
Hippopsis Lepeletier & Audinet-Serville 296
Hippuriphila Foudras 318
Hirmoplataphus Netolitzky 23
Hispinae 321
Hister Linné 139
Histeridae 135
Histerinae 139
Histerini 139
Histeropsis Chevrolat 255
Holciophorus LeConte 31
Holoboreaphilus Campbell 89
Hololepta Paykull 140
Hololeptini 140
Holopleura LeConte 287
Holopleurini 287
Holostrophus Horn 246
Holotrochus Erichson 92
Homaeotarsus Hochhuth 116
Homalochthebius Kuwert 74
Homalostylus Chevrolat 354
Homalota Mannerheim 107
Homalotina 107
Homalotusa Casey 102
Homoeocarabus Reitter 11
Homoeolabus Jekel 326
Homoeosoma Austin 80
Homogaster Provancher 348
Homorosoma Frivaldszky 350
Hoplandria Kraatz 105
Hoplandriini 105
Hoplia Illiger 154
Hopliini 154
Hoplocephala Castelnau & Brullé 255
Hoppingiana Blaisdell 212
Horistonotus Candèze 185
Hormorini 332
Hormorus Horn 332
Hornaltica Barber 318
Hornia Riley 265
Horticola Lindemann 241
Hybodera LeConte 282
Hyboderini 282
Hydaticini 71
Hydaticus Leach 71
Hydaticus Schönherr 350
Hydnobiini 78
Hydnobius Schmidt 78
Hydnocera Newman 208
Hydraena Kugelann 74
Hydraenidae 74
Hydraeninae 74
Hydraenini 74
Hydriomicrus Casey 23
Hydrium LeConte 21

Hydrobiinae 131
Hydrobiini 131
Hydrobius Leach 131
Hydrocanthus Say 62
Hydrochara Berthold 133
Hydrochinae 130
Hydrochus Leach 130
Hydrogaleruca Laboissière 314
Hydrophilidae 130
Hydrophilinae 133
Hydrophiloidea 130
Hydrophilus Müller 133
Hydroporinae 63
Hydroporini 64
Hydroporus Clairville 65
Hydrosmecta Thomson 100
Hydrothassa Thomson 312
Hydrovatini 63
Hydrovatus Motschulsky 63
Hygrotus Stephens 64
Hylastes Erichson 356
Hylastini 356
Hylastinoides Spessivetsev 357
Hylastinus Bedel 357
Hylecoetinae 206
Hylecoetus Latreille 206
Hylesininae 356
Hylesinini 357
Hylesinus Fabricius 357
Hylis des Gozis 188
Hylobiini 337
Hylobius Germar 337
Hyloceotus Melsheimer 206
Hylocurus Eichhoff 359
Hylota Casey 99
Hylotrupes Audinet-Serville 282
Hylurgopinus Swaine 357
Hylurgops LeConte 356
Hymenochara Campbell 260
Hymenophorus Mulsant 259
Hymenorus Mulsant 259
Hypebaeus Kiesenwetter 212
Hypera Germar 336
Hyperaspidius Crotch 231
Hyperaspini 231
Hyperaspis Redtenbacher 231
Hypericia Bedel 311
Hyperinae 336
Hyperini 336
Hyperisus Mulsant & Rey 202
Hypermallus Lacordaire 280
Hyperodes Jekel 334
Hyperplatys Haldeman 298
Hypherpes Chaudoir 31
Hyphydrini 63
Hypnogyra Casey 124
Hypnoidus Dillwyn 178
Hypoborini 358
Hypocaccus Thomson 137
Hypocoelus Dejean 188
Hypocoprinae 223
Hypocoprus Motschulsky 223
Hypocyphtus Gyllenhal 108
Hypodacne LeConte 227
Hypolithus Eschscholtz 178
Hypomedon Mulsant & Rey 113
Hypomolyx LeConte 337
Hypophlaeus Fabricius 256
Hypophloeinae 256
Hypophloeini 256
Hypostenus Rey 109
Hypothenemus Westwood 362
Hypulini 247
Hypulus Paykull 247
Ibidiini 281

Ichnodes Dejean 262
Ichthyurini 195
Ictinosternum Smetana 134
Idiobates Casey 259
Idiopidonia Swaine & Hopping 291
Idiostethus Casey 353
Ilendus Casey 242
Ilybiosoma Crotch 67
Ilybius Erichson 69
Ilyobates Kraatz 99
Ipelates Reitter 77
Iphthiminus Spilman 261
Ipini 360
Ips DeGeer 360
Irichroa Newman 12
Isarthrus LeConte 187
Ischalia Pascoe 269
Ischaliinae 269
Ischnosoma Stephens 98
Ischyropalpus LaFerté-Sénectère 273
Ischyrus Lacordaire 226
Isochnus Thomson 345
Isoglossa Casey 99
Isohydnocera Chapin 209
Isomira Mulsant 259
Isoplastus Horn 79
Isopleurus Kirby 36
Isorembus Jeannel 48
Isorhipina Casey 157
Isorhipis Boisduval & Lacordaire 187
Isosceles Newman 299
Isostenia Vacher de Lapouge 11
Isotachys Casey 29
Ithyceridae 325
Ithycerus Schönherr 325
Ithyporini 347
Ixapion Roudier & Tempere 328
Ixias Deville 328

Jonthonota Spaeth 322
Judolia Mulsant 291

Kalissus LeConte 84
Katastylops Pierce 367
Knowltonia Fisher 166
Knulliana Linsley 286
Korynetinae 210
Korynetini 211
Kuschelina Bechyné 320
Kytorhininae 300
Kytorhinus Fischer von Waldheim 300

Labidomera Chevrolat 311
Laccobius Erichson 131
Lacconotus LeConte 267
Laccophilinae 63
Laccophilini 63
Laccophilus Leach 63
Laccornis des Gozis 67
Lachnocrepis LeConte 49
Lachnosterna Hope 152
Lacon Castelnau 175
Laemophloeinae 219
Laemophloeus Dejean 219
Laemosaccini 342
Laemosaccus Schönherr 342
Laemostenus Bonelli 51
Laestris Melsheimer 109
Laetulonthus Moore & Legner 119
Lagarus Chaudoir 33
Lagriidae 261
Lagriinae 262
Lamiinae 294
Lamiota Casey 101
Lamperos Allard 258
Lamprias Bonelli 56
Lampropterus Mulsant 282
Lampyridae 190
Lampyrinae 190
Languria Latreille 224
Languriidae 223
Languriinae 224
Languriini 224
Lanternarius Pacheco 170
Lapethus Casey 227
Laphyra Newman 282
Lappus Casey 273
Lapsus Pacheco 170
Lara LeConte 172
Laricobius Rosenhauer 196
Larinae 172
Larini 172
Larisia Emery 276
Lasconotus LeConte 251
Lasioderma Stephens 204
Lasiodermini 204
Lasiotrechus Ganglbauer 19
Latheticus Waterhouse 258
Lathridiidae 239
Lathridiinae 239
Lathridius Herbst 239
Lathrimaeum Erichson 91
Lathrium LeConte 89
Lathrobiella Casey 116
Lathrobiina 115
Lathrobioma Casey 115
Lathrobium Gravenhorst 115
Lathrolepta Casey 115
Lathrotaxis Casey 116
Lathrotropis Casey 116
Lebia Latreille 56
Lebiini 56
Lechriopini 348
Lechriops Schönherr 348
Lecontea Olivier 190
Leconteus Lutshnik 30
Lecontia Champion 268
Lederia Reitter 246
Leiestini 238
Leiochiton Curtis 19
Leiodes Latreille 79
Leiodidae 77
Leiodinae 78
Leiodini 78
Leiolinus Casey 124
Leionotus Kirby 71
Leirus Zimmermann 35
Leistus Frölich 13
Lema Fabricius 304
Lemiini 304
Lena Casey 113
Leperisinus Reitter 357
Lepesoma Motschulsky 333
Lepiarcha Sharp 217
Lepidophorus Kirby 333
Lepidotus Stephens 175
Lepisomus Kirby 359
Leptacinodes Casey 123
Leptacinus Erichson 123
Leptacmaeops Casey 290
Leptaegialia Brown 147
Leptalia LeConte 289
Leptinillus Horn 82
Leptininae 82
Leptinotarsa Stål 311
Leptinus Müller 82
Leptoferonia Casey 32
Leptomus Casey 8
Leptophloeus Casey 220
Leptopiini 333
Leptorus Casey 114
Leptoscydmini 83
Leptoscydmus Casey 83
Leptostylus LeConte 297
Leptothrix Heikertinger & Csiki 318

Leptotrachelus Latreille 56
Leptotrichaltica Heikertinger 318
Leptotrix Horn 318
Leptotyphlinae 113
Leptura Linné 292
Lepturges Bates 297
Lepturinae 287
Lepturini 288
Lepturopsis Linsley & Chemsak 293
Leptusa Kraatz 107
Lepyrus Germar 337
Lesta Blackwelder 90
Lesteva Latreille 90
Leuchydrium Casey 25
Leucopaederus Casey 116
Lexiphanes Gistel 306
Liaphlus Guignot 61
Liasemum Casey 279
Librodor Reitter 217
Lichenophanes Lesne 200
Lichnanthe Burmeister 150
Lichnocarabus Reitter 11
Licinini 48
Ligmargus Stibick 178
Lignyodes Dejean 345
Lignyodini 345
Ligyrellus Casey 156
Ligyrodes Casey 156
Ligyrus Burmeister 156
Lilioceris Reitter 304
Limnebius Leach 74
Limnichidae 171
Limnichinae 171
Limnichini 171
Limnichites Casey 171
Limnocharis Horn 74
Limonius Eschscholtz 176
Limulodes Matthews 76
Limulodidae 76
Lina Dejean 313
Lindorus Casey 233
Liniolis Grigarick & Schuster 126
Linohesperus Smetana 123
Linolathra Casey 116
Linsleya MacSwain 265
Linsleyana Podany 288
Linsleyina Selander 265
Liocellus Motschulsky 46
Liocellus Tschitchérine 46
Liocosmius Casey 25
Liocyrtusa Daffner 79
Liodessus Guignot 63
Liodicaelus Casey 49
Liogluta Thomson 102
Lioligus Casey 159
Lionepha Casey 21
Lionothus Brown 78
Lioon Casey 159
Liparocephalus Mäklin 108
Lispinini 92
Lissominae 186
Lissorhoptrus LeConte 341
Listemus Casey 160
Listronotus Jekel 334
Listrus Motschulsky 213
Litargus Erichson 242
Litheleodes Blaisdell 256
Lithocharis Dejean 113
Lithocharodes Sharp 123
Lithodus Germar 335
Litochropus Erichson 226
Litodactylus Redtenbacher 350
Litolathra Casey 115
Lixellus LeConte 335
Lixestus Reitter 336
Lixini 337
Lixus Fabricius 337
Loania Kinzelbach 366
Loberini 224
Loberus LeConte 224
Lobiopa Erichson 216
Lobosoma Buchanan 338
Lobrathium Mulsant & Rey 116
Loceptes Casey 347
Lodinus Mulsant & Rey 257
Longitarsus Berthold 317
Lopha Stephens 27
Lophalophus LeConte 333
Lopheros LeConte 189
Lophioderini 82
Lophioderus Casey 82
Lophoglossus LeConte 30
Lophomucter Notman 105
Lophopogonius Linsley 296
Lordithon Thomson 98
Loricera Latreille 15
Loricerini 15
Lorinota Casey 105
Loxandrus LeConte 30
Loxopeza Chaudoir 56
Lucanidae 143
Lucaninae 144
Lucanini 144
Lucanus Scopoli 144
Lucidota Castelnau 191
Lucifotychus Park & Wagner 129
Ludius Berthold 181
Lumetus Zaitzev 132
Luperini 315
Lutrochus Erichson 171
Lycidae 188
Lycinae 188
Lycoperdina Latreille 238
Lycoperdinini 238
Lyctidae 201
Lyctini 201

Lyctus Fabricius 201
Lygerus Kiesenwetter 195
Lygistopterini 188
Lymantor Lovendal 361
Lymexylidae 206
Lymexyloidea 206
Lyperopherus Motschulsky 35
Lyperosomus Motschulsky 33
Lyperostenia Vacher de Lapouge 10
Lyperus Chaudoir 33
Lypoglossa Fenyes 103
Lyrosoma Mannerheim 77
Lytta Fabricius 264
Lyttina 264
Lyttini 264

Macdonaldium Abdullah & Abdullah 76
Machaerodes Brendel 128
Macratria Newman 275
Macratriini 275
Macreurops Casey 218
Macrobasis LeConte 265
Macrodactylini 153
Macrodactylus Latreille 154
Macrodea Casey 222
Macrodytes Thomson 71
Macronaemia Casey 233
Macronoxia Crotch 152
Macronychini 173
Macronychus Müller 173
Macropogon Motschulsky 174
Macropogoninae 174
Macrops Kirby 334
Macrorhoptus LeConte 343
Macrosiagon Hentz 250
Macrotelus Klug 208
Maculicauta Dillon 264
Madarellus Casey 353
Madarini 352
Magdalinae 342
Magdalini 342
Magdalis Germar 342
Malachiinae 211
Malachius Fabricius 211
Malacocis Gorham 245
Mallodrya Horn 243
Malporus Casey 273
Malthacus Kirby 192
Malthinini 194
Malthinus Latreille 194
Malthodes Kiesenwetter 194
Mantura Stephens 319
Maphoca Casey 245
Margaiostus Stibick 178
Margarinotus Marseul 139
Marginus LeConte 241
Margus Dejean 258
Masoreini 56
Mathrilaeum Moore 91
Matini 71
Matus Aubé 71
Mecas LeConte 299
Mecinini 347
Mecinus Germar 347
Mecopeltus Dietz 351
Mecynotarsus LaFerté-Sénectère 271
Medon Stephens 113
Medonella Casey 113
Medonina 113
Medonodonta Casey 114
Megacerus Fahraeus 300
Megacrotona Scheerpeltz 103
Megacyllene Casey 284
Megalechthrus Perkins 366
Megaleptura Casey 292
Megaliridia Casey 12
Megalodacne Crotch 225
Megalostomini 305
Megaltica Hatch 317
Meganemognatha Enns 265
Megapangus Casey 40
Megapenthes Kiesenwetter 184
Megaquedius Casey 121
Megarafonus Casey 126
Megarthrus Curtis 87
Megasemum Kraatz 279
Megasternini 134
Megasternum Mulsant 134
Megastilicus Casey 114
Megatoma Herbst 198
Megatomini 197
Megilla Mulsant 233
Megodontus Solier 12
Megomus Casey 8
Meibomeus Bridwell 301
Melalgus Dejean 199
Melamomphus Horn 333
Melanagonum Casey 53
Melandrya Fabricius 246
Melandryidae 245
Melandryiinae 246
Melandryini 246
Melaneleodes Blaisdell 256
Melanius Bonelli 33
Melanophila Eschscholtz 165
Melanophilini 165
Melanophthalma Motschulsky 240
Melanotini 184
Melanotrupes Blanchard 150
Melanotus Eschscholtz 184
Melanthaxia Richter 165
Melasinae 187
Melasis Olivier 187
Melasoma Stephens 313
Melasomida Schaeffer 312
Melba Casey 127

Meligethes Stephens 217
Meligethinae 217
Melittophagus Kirby 263
Meloe Linné 263
Meloidae 263
Meloinae 263
Meloini 263
Melolonthinae 151
Melolonthini 151
Melomalus Casey 22
Melyridae 211
Membracixenos Pierce 366
Menechides Motschulsky 258
Meracantha Kirby 259
Merhynchites Sharp 327
Meridion des Gozis 283
Meriellum Linsley 283
Merinus LeConte 260
Merium LeConte 283
Meronera Sharp 100
Mesauletes Voss 327
Mesosini 295
Metablapylis Blaisdell 257
Metabletus Schmidt-Goebel 58
Metabola Chaudoir 57
Metachroma Chevrolat 308
Metaclisa Jacquelin du Val 258
Metacmaeops Linsley & Chemsak 290
Metallina Motschulsky 21
Metallographa Motschulsky 310
Metamelanius Tschitschérine 33
Metaxyodonta Casey 113
Methlini 63
Methydrus Rey 132
Metopon Waterhouse 327
Metrius Eschscholtz 19
Mezium Curtis 205
Miarus Schönherr 347
Miccotrogus Schönherr 346
Micracini 359
Micracis LeConte 359
Micracisoides Blackman 359
Micraegialia Brown 146
Micragonum Casey 54
Micralymma Westwood 88
Micrathous Lane 177
Micrepitrix Laboissière 318
Microaugyles Pacheco 170
Microbledius Herman 93
Microbregma Seidlitz 203
Microcallidium Casey 283
Microcara Thomson 142
Microclytus LeConte 286
Microcylloepus Hinton 173
Microdota Mulsant & Rey 102
Microedus LeConte 91
Microgoes Casey 295
Microgramme Walkley 239
Microhyus LeConte 347
Microlathra Casey 116
Microlestes Schmidt-Goebel 58
Microlipus LeConte 211
Micromalthidae 6
Micromalthus LeConte 6
Micromaseus Casey 34
Micromedon Casey 113
Micromelomalus Casey 22
Micromota Casey 100
Micronychus Provancher 333
Micropeplidae 84
Micropeplini 84
Micropeplus Latreille 84
Microrhagus Dejean 187
Microrhopala Chevrolat 322
Microsaurus Stephens 121
Microscapha LeConte 246
Microschatia Solier 254
Microscydmus Saulcy & Croissandeau 83
Microtachys Casey 29
Microtonus LeConte 247
Microweisea Cockerell 229
Microweisini 229
Millidium Motschulsky 75
Minyomerus Horn 331
Mioptachys Bates 29
Miscodera Eschscholtz 19
Mitosynum Campbell 93
Mocyta Mulsant & Rey 102
Molamba Casey 228
Molorchini 282
Molorchus Fabricius 282
Moluciba Casey 99
Molytinae 337
Monachini 306
Monachulus Leng 306
Monachus Chevrolat 306
Monarthrum Kirsch 365
Moneilema Say 294
Moneilemini 294
Monillopatrobus Hatch 29
Monocerus Faldermann 271
Monochamini 294
Monochamus Dejean 294
Monoferonia Casey 32
Mononychini 349
Mononychus Germar 349
Monophylla Spinola 208
Monoplesa Motschulsky 294
Monotoma Herbst 218
Monotominae 218
Monoxia LeConte 315
Mordella Linné 248
Mordellidae 248
Mordellini 248
Mordellistena Costa 249
Mordellistenini 249

Morphnosoma Lutshnik 33
Morychus Erichson 160
Motschulskium Matthews 75
Muirixenos Pierce 367
Mulsantina Weise 237
Murmidiinae 227
Murmidius Leach 227
Mutinus Casey 112
Myas Dejean 31
Mycetaea Stephens 238
Mycetaeinae 238
Mycetaeini 238
Mycetina Mulsant 239
Mycetinini 238
Mycetochara Berthold 260
Mycetochares Latreille 260
Mycetocharini 260
Mycetocharis Gyllenhal 260
Mycetophagidae 242
Mycetophagus Hellwig 242
Mycetophila Gyllenhal 260
Mycetoporus Mannerheim 98
Mychocerus auct. 227
Mychocerus Erichson 227
Mycocerinus Slipinski 227
Mycteridae 267
Mycterus Clairville 267
Myeleborus Blackman 363
Myllaena Erichson 108
Myllaenini 108
Myloechus Latreille 81
Myochrous Erichson 309
Myocoryna Stål 311
Myodes Latreille 250
Myodites Latreille 250
Myrmecocephalus MacLeay 105
Myrmedoniini 106
Myrmedophila Bousquet 222
Myrmex Sturm 341
Myrmolamia Bates 298
Mystaxus Kugelann 248
Myzia Mulsant 235

Nacerdes Dejean 266
Nacerdinae 266
Namunaria Reitter 251
Nanobius Herman 95
Nanodactylus Blatchley 328
Nanodes Schönherr 328
Nanophyes Schönherr 328
Nanophyini 328
Narpus Casey 173
Nartus Zaitzev 70
Nassipa Emery 276
Nathicus Casey 271
Nathrenus Casey 198
Naupactini 329
Nausibius Redtenbacher 220
Neacanthocinus Dillon 296
Neandra Lameere 277
Neanthophylax Linsley & Chemsak 289
Neatus LeConte 259
Nebria Latreille 14
Nebriini 13
Necrobia Olivier 211
Necrodes Leach 85
Necrophila Kirby & Spence 85
Necrophilus Latreille 77
Necydalini 287
Necydalis Linné 287
Nedyus Schönherr 350
Negastrius Thomson 178
Neichnea Wolcott & Chapin 210
Nelites LeConte 254
Nemadini 81
Nemadus Thomson 81
Nematodes Berthold 188
Nematolinus Casey 123
Nematoplinae 263
Nematoplus LeConte 263
Nemocestes Van Dyke 332
Nemognatha Illiger 265
Nemognathina 265
Nemonychidae 323
Nemosoma Latreille 207
Nemota Casey 103
Neoalosterna Podany 292
Neobisnius Ganglbauer 117
Neobrachinus Erwin 18
Neocalathus Ball & Nègre 51
Neocarabus Hatch 11
Neoceletes Leng & Shoemaker 189
Neochlamisus Karren 307
Neocholax Pierce 366
Neochthebius d'Orchymont 75
Neoclypeodytes Young 64
Neoclytus Thomson 285
Neocychrus Roeschke 13
Neocyrtusa Brown 78
Neoelaphrus Hatch 16
Neoemmesa Hatch 246
Neogalerucella Chujo 314
Neohaemonia Székessy 303
Neoharmonia Casey 236
Neoharmonia Crotch 236
Neoheterocerus Pacheco 170
Neohypnus Coiffait & Saiz 124
Neoleistus Erwin 13
Neomida Latreille 255
Neomysia Casey 235
Neonicrophorus Hatch 85
Neopachylopus Reichardt 138
Neopaederus Blackwelder 116
Neopanscopus Pierce 333
Neopatrobus Darlington 29
Neophycocoetes O'Brien & Wibmer 337

Neophytobius Wagner 351
Neopolyarthron Semenov 278
Neoporus Guignot 65
Neopyrochroa Blair 269
Neorthopleura Barr 210
Neosaprinus Bickhardt 137
Neoscutopterus Balfour-Browne 70
Neostylops Pierce 367
Neotrochus Blackwelder 92
Neozonitis Enns 265
Nephanes Thomson 76
Nephus Mulsant 231
Nicaginae 144
Nicagini 144
Nicagus LeConte 144
Nicobiini 202
Nicrophorinae 85
Nicrophorus Fabricius 85
Niptus Boieldieu 205
Nisa Casey 128
Nisaxis Casey 128
Nitidula Fabricius 216
Nitidulidae 214
Nitidulinae 215
Nitionini 254
Nocheles LeConte 333
Noda Chevrolat 308
Nodinini 308
Nodonota Lefèvre 308
Nomaretus LeConte 13
Nomaspis LeConte 264
Nomidus Casey 334
Nomiini 29
Nominus Motschulsky 59
Nomius Castelnau 29
Nordenskioeldia Sahlberg 112
Nosodendridae 196
Nosodendron Latreille 196
Nosodes LeConte 207
Notaphus Stephens 25
Notaris Germar 339
Noteridae 61
Nothopus LeConte 40
Nothus Olivier 248
Notiodes Schönherr 341
Notionomus Erichson 341
Notiophilini 15
Notiophilus Schönherr 341
Notiophilus Duméril 15
Notobia Perty 45
Notoxinae 271
Notoxini 271
Notoxus Fabricius 271
Novelsis Casey 197
Nudatoconnus Franz 83
Nudobius Thomson 123

Oberea Mulsant 299
Obriini 281
Obrium Dejean 281
Ocalea Erichson 99
Occlephelinus Hatch 89
Ochodaeinae 149
Ochodaeus Audinet-Serville 149
Ochrosidia Casey 155
Ochthebiinae 74
Ochthebius Leach 74
Ochthedromus LeConte 21
Ochthephilum Stephens 116
Ochthephilus Mulsant & Rey 94
Ochthexenus Motschulsky 88
Octotemnus Mellié 245
Ocyusa Kraatz 99
Odacanthella Liebke 56
Odacanthini 56
Odontaeus Fischer von Waldheim 150
Odontium LeConte 20
Odontocorynus Schönherr 353
Odontomus Kirby 166
Odontonyx Stephens 51
Odontopus Say 345
Odontosphindini 213
Odontosphindus LeConte 213
Odontota Chevrolat 321
Odontotaenius Kuwert 145
Oebaceres Thomson 295
Oedemeridae 266
Oedemerinae 266
Oedostethus LeConte 178
Oestodes LeConte 181
Oestodini 181
Oiceoptoma Leach 85
Olibrini 226
Olibrus Erichson 226
Oliganomala Casey 154
Oligolinus Casey 123
Oligomerodes Fall 204
Oligomerus Redtenbacher 202
Oligomia Casey 100
Oligopterus Casey 113
Oligotini 108
Olisthaerinae 92
Olisthaerus Dejean 92
Olisthopus Dejean 51
Olla Casey 236
Olophrum Erichson 89
Omala Motschulsky 27
Omaliinae 87
Omaliini 88
Omalium Gravenhorst 88
Omaseidius Jeannel 33
Omaseulus Lutshnik 34
Omaseus Dejean 33
Omias Germar 332
Omoglymmius Ganglbauer 7
Omonadus Mulsant & Rey 273

Omophron Latreille 16
Omophronini 16
Omorgus Erichson 150
Omoscylon Thomson 294
Omosita Erichson 216
Omus Eschscholtz 8
Oncideres Lepeletier & Audinet-Serville 296
Onciderini 296
Onibathum Tottenham 87
Onichodon Newman 187
Ontholestes Ganglbauer 120
Onthophagini 146
Onthophagus Latreille 146
Onthophilus Leach 138
Onychobaris LeConte 352
Onychotrupes Jekel 150
Onychylis LeConte 341
Oodes Bonelli 49
Oodini 49
Opatrinae 256
Opatrini 257
Ophistomis Thomson 290
Ophonus Dejean 40
Ophraella Wilcox 315
Ophryastes Say 334
Ophryastini 334
Opilo Latreille 209
Opisthiini 15
Opisthius Kirby 15
Oplosia Mulsant 296
Opresus Casey 83
Opsimini 280
Opsimus Mannerheim 280
Optioservus Sanderson 173
Opuntiaphila Pierce 347
Orchesia Latreille 246
Orchesiini 246
Orchestes Illiger 345
Ordobrevia Sanderson 173
Oreina Monros & Bechyné 311
Oreochara Casey 104
Oreodytes Seidlitz 67
Oreoxenus Tschitchérine 46
Orestia Germar 318
Orestioides Hatch 318
Ormiscini 325
Ormiscus Waterhouse 325
Orobanus LeConte 90
Orochares Kraatz 91
Orophiinae 245
Orophiini 245
Oropus Casey 126
Orphelophorus d'Orchymont 131
Orphilini 199
Orphilus Erichson 199
Orsodacna Dejean 303
Orsodacne Latreille 303
Orsodacninae 303
Orsonyx LeConte 151
Orthaltica Crotch 318
Orthobaris Casey 351
Orthocis Casey 245
Ortholeptura Casey 293
Orthoperini 228
Orthoperus Stephens 228
Orthoris LeConte 352
Orthosoma Audinet-Serville 277
Orthotomicus Ferrari 360
Orthotomides Wood 360
Orus Casey 114
Oryctini 156
Oryzaephilus Ganglbauer 220
Osmoderma LePeletier & Audinet-Serville 157
Osmodermini 157
Osoriinae 92
Osoriini 92
Osphya Illiger 248
Osphyinae 248
Osphyini 248
Ostoma Laicharting 207
Ostomodes Reitter 207
Othiini 123
Othniinae 270
Othnius LeConte 270
Otidocephalinae 341
Otidocephalini 341
Otidocephalus Chevrolat 341
Otiorhynchinae 331
Otiorhynchini 331
Otiorhynchus Germar 331
Oulema des Gozis 304
Oulimnius des Gozis 173
Oxoplus LeConte 287
Oxybleptes Smetana 124
Oxygonus LeConte 180
Oxylaemus Erichson 252
Oxymedon Casey 113
Oxynychus LeConte 231
Oxyomus Stephens 148
Oxypoda Mannerheim 99
Oxypodini 99
Oxyporinae 109
Oxyporus Fabricius 109
Oxypselaphus Chaudoir 52
Oxypteris Kirby 165
Oxytelinae 92
Oxytelini 94
Oxytelus Gravenhorst 95

Pachybrachini 305
Pachybrachys Chevrolat 305
Pachybruchus Pic 300
Pachydela Rivalier 8
Pachydeniini 153
Pachylobius LeConte 338
Pachyphanes Dietz 340

Pachyrhinus Schönherr 330
Pachyrhynchus Kirby 325
Pachyschelini 168
Pachyschelus Solier 168
Pachystilicus Casey 114
Pachystylus Rey 305
Pachyta Dejean 288
Pachytychius LeConte 340
Pactopus LeConte 186
Paederillus Casey 116
Paederina 116
Paederinae 113
Paederini 113
Paederus Fabricius 116
Palaminus Erichson 113
Pallodes Erichson 216
Palorus Mulsant 258
Palporus Campbell 97
Panagaeini 49
Panagaeus Latreille 49
Panalota Casey 101
Pandeleteius Schönherr 331
Panscopidius Pierce 333
Panscopus Schönherr 333, 334
Parabracteon Notman 20
Paracercyon Seidlitz 134
Paraclivina Kult 18
Paracymus Thomson 132
Paradeliphrum Hatch 91
Paradicaelus Ball 48
Paradilacra Bernhauer 102
Parafilumis Casey 207
Paragonum Casey 53
Paralarica Breuning 295
Paralathra Casey 116
Paralesteva Casey 90
Paraliaphlus Wallis 60
Paralister Bickhardt 139
Paralitargus Casey 242
Parallelina Casey 291
Parallelostethus Schwarz 181
Paralopha Casey 27
Paralytta Selander 264
Paramedon Casey 114
Parametriona Spaeth 323
Paramysia Reitter 235
Paranaemia Casey 233
Paranchus Lindroth 52
Parandra Latreille 277
Parandrinae 277
Parandrini 277
Paranomala Casey 154
Paranomus Kiesenwetter 181
Paranovelsis Casey 197
Paranthonomus Dietz 343
Paraopsimus Champlain & Knull 280
Parapachyta Casey 288
Parapanscopus Buchanan 334
Paraplinthus Faust 338
Paraptochus Seidlitz 332
Paraquedius Casey 122
Parargutor Casey 32
Parascydmus Casey 83
Parastenus Heyden 110
Paratachys Casey 29
Paratenetus Spinola 262
Paratrogophloeus Hatch 94
Paratropa Vacher de Lapouge 10
Paratychius Casey 346
Parazonitis Enns 265
Parelaphidion Skiles 281
Parenthis Dietz 350
Paria LeConte 308
Parilendus Casey 242
Parmenini 294
Parmulus Harold 228
Parocalea Bernhauer 105
Paromalini 138
Paromalus Erichson 138
Paropsimena Motschulsky 311
Parothius Casey 123
Pasimachus Bonelli 17
Passalidae 145
Passalotaenius Kuwert 145
Passandrinae 219
Patrobini 29
Patroboidea Van Dyke 30
Patrobus Dejean 29
Pauronemognatha Enns 265
Paussini 19
Pectotoma Hatch 276
Pedetes Kirby 182
Pediacus Shuckard 219
Pedilidae 274
Pedilinae 274
Pedilophorini 160
Pedilus Fischer von Waldheim 274
Peditatus Pacheco 170
Pelates Horn 77
Pelatines Cockerell 77
Pelecomalium Casey 90
Pelecotoma Fischer von Waldheim 250
Pelecotominae 250
Pelecyphorus Solier 254
Pelenomus Thomson 351
Pelidnota MacLeay 155
Pelidnotidia Casey 155
Pelophila Dejean 13
Peltastica Mannerheim 196
Peltasticinae 196
Peltidea Motschulsky 207
Peltinae 207
Peltini 207
Peltodytes Régimbart 61
Pemphus Motschulsky 13
Penetini 253

Pentacladocera Pierce 366
Pentagonica Schmidt-Goebel 50
Pentagonicini 50
Pentagrammaphila Pierce 366
Pentanota Bernhauer 100
Pentaphyllus Dejean 256
Pentaria Mulsant 276
Pentariini 276
Pentarthrum Wollaston 355
Pentaxocera Pierce 366
Pentazocera Pierce 366
Penthe Newman 243
Penthelispa Pascoe 252
Penthinae 243
Pentodontini 156
Pentozoe Pierce 366
Peranus Lewis 139
Perapion Wagner 328
Percosia Zimmermann 36
Pergetus Casey 274
Perigaster Dietz 349
Perigona Castelnau 51
Perigonini 51
Perimecus Stephens 184
Perimegatoma Horn 198
Peristethus LeConte 33
Peritelini 332
Peritelinus Casey 332
Perthalycra Horn 216
Peryphanes Jeannel 24
Peryphodes Casey 25
Peryphus Stephens 24
Petaliini 204
Petalium LeConte 204
Pezocrosita Jacobson 312
Phacophallus Coiffait 123
Phaedon Megerle von Mühlfeld 312
Phaenocerus Bonvouloir 187
Phaenogyra Seevers 107
Phaenonotum Sharp 133
Phaenops Dejean 165
Phalacridae 226
Phalacrini 226
Phalacrus Paykull 226
Phaleriini 254
Phaleromela Reitter 254
Pharalus Casey 40
Phausis LeConte 191
Phelister Marseul 140
Phellidius LeConte 255
Phellopsis LeConte 252
Pheloconus Roelofs 347
Phengodes Illiger 190
Phengodidae 190
Phenolia Erichson 216
Phidola Thomson 295
Philas Portevin 85
Philhygra Mulsant & Rey 102
Philodes LeConte 47
Philonthini 117
Philonthus Curtis 117
Philopedon Schönherr 330
Philophuga Motschulsky 58
Philopuntia Pierce 347
Philostratus Zimmerman 338
Philothermus Aubé 227
Philoxylon LeConte 202
Phlaeopterus Motschulsky 90
Phloeocharinae 95
Phloeonaeus Erichson 93
Phloeonomus Heer 88
Phloeophagus Schönherr 355
Phloeopora Erichson 105
Phloeopterus LeConte 90
Phloeosinini 358
Phloeosinus Chapuis 358
Phloeostiba Thomson 88
Phloeotribini 358
Phloeotribus Latreille 358
Phloeotrya Stephens 248
Phlogistosternus Wolcott 210
Phobetus LeConte 153
Phomalus Casey 275
Phosphaenus Castelnau 191
Photinini 190
Photinus Castelnau 190
Photurinae 191
Photuris Dejean 191
Phratora Chevrolat 313
Phrenapatinae 253
Phryganophilus Sahlberg 247
Phrypeus Casey 28
Phthora Mulsant 253
Phycocoetes LeConte 337
Phyla Motschulsky 21
Phyletes Redtenbacher 255
Phylethus Redtenbacher 255
Phyllis Gistel 310
Phyllobaenini 208
Phyllobaenus Dejean 208
Phyllobaenus Spinola 210
Phyllobiini 332
Phyllobius Germar 332
Phyllobrotica Chevrolat 316
Phyllodecta Kirby 313
Phyllodrepa Thomson 88
Phyllophaga Harris 152
Phyllotreta Chevrolat 316
Phyllotrox Schönherr 341
Phymaphora Newman 238
Phymatinus LeConte 334
Phymatodes Mulsant 283
Phymatodina Casey 283
Physocnemum Haldeman 284
Physonota Boheman 322
Physonotini 322

Physorhini 184
Phytobiini 350
Phytobius Schönherr 350
Phytodecta Kirby 313
Phytoecini 299
Phyton Newman 281
Phytonomus Schönherr 336
Phytosini 107
Phyxelis Schönherr 333
Piazorhinini 345
Piazorhinus Schönherr 345
Pidonia Mulsant 292
Piestinae 92
Piestini 92
Pilema LeConte 282
Pilopius Casey 129
Pinacodera Schaum 59
Pinodytes Horn 80
Pinophilini 113
Piosoma LeConte 40
Pisenus Casey 243
Pissodes Germar 338
Pissodinae 338
Pityobini 176
Pityobius LeConte 176
Pityogenes Bedel 360
Pityokteines Fuchs 360
Pityomacer Kuschel 324
Pityophagus Shuckard 217
Pityophthorus Eichhoff 363
Placonotus MacLeay 219
Placopterus Wolcott 209
Placusa Erichson 107
Plagiodera Chevrolat 312
Plagiometriona Spaeth 323
Planesus Motschulsky 59
Plataphodes Ganglbauer 22
Plataphus Motschulsky 22
Platerodini 188
Plateros Bourgeois 189
Plateumarini 302
Plateumaris Thomson 302
Platidiolus Chaudoir 30
Platidius Chaudoir 30
Platybregmus Fisher 203
Platycerini 144
Platyceropsis Benesh 144
Platycerus Geoffroy 144
Platycis Thomson 189
Platydema Castelnau & Brullé 255
Platydracus Thomson 120
Platylomalus Cooman 138
Platymedon Casey 114
Platynidius Casey 56
Platynini 51
Platynomicrus Casey 53
Platynus Bonelli 55
Platypatrobus Darlington 29
Platypodidae 365
Platypodinae 365
Platypodini 365
Platypsyllus Ritsema 82
Platypsyllus Westwood 82
Platypus Herbst 365
Platysoma Leach 140
Platysomatini 140
Platystethus Mannerheim 94
Platytrachelus Motschulsky 21
Platyusa Casey 106
Plectographa Rivalier 10
Plectralidus Casey 40
Plectrura Mannerheim 294
Plegaderini 136
Plegaderus Erichson 136
Plesiocis Casey 245
Pleurophora Chevrolat 304
Pleurophorus Mulsant 149
Pleuropompha LeConte 264
Pleurostica Motschulsky 312
Pleurotobia Casey 107
Plinthini 338
Plinthodes LeConte 333
Plocamus LeConte 353
Plocetes LeConte 346
Pocadius Erichson 216
Podabrini 192
Podabrus Westwood 192
Podapion Riley 329
Poecilium Fairmaire 283
Poecilobrium Horn 282
Poecilochroa Chevrolat 209
Poecilus Bonelli 30
Pogonocherini 295
Pogonocherus Dejean 296
Polemius LeConte 194
Poliaenus Bates 295
Polistoma Casey 105
Pollaclasis Newman 191
Polycaon Castelnau 199
Polycaonini 199
Polycestinae 161
Polycestini 161
Polyclasis LeConte 191
Polyderis Motschulsky 29
Polydrosus Schönherr 330
Polydrosini 330
Polydrusus Germar 330
Polygramma Chevrolat 311
Polygraphini 359
Polygraphus Erichson 359
Polyphaga 74
Polyphylla Harris 152
Polyspila Hope 310
Polystoma Stephens 105
Pomphopoea LeConte 264
Pontomalota Casey 103

Poophagus Schönherr 350
Popillia Audinet-Serville 155
Porcinolus Mulsant & Rey 159
Poreospasta Horn 264
Porotachys Netolitzky 29
Porrhodites Kraatz 91
Potamodytes Zimmermann 66
Potamonectes Zimmermann 66
Prasocuris Latreille 312
Priacma LeConte 6
Priacmini 6
Priobium Motschulsky 203
Priocera Kirby 209
Priognathus LeConte 268
Prionellus Casey 277
Prioninae 277
Prionini 277
Prionochaeta Horn 81
Prionocyphon Redtenbacher 142
Prionomerinae 345
Prionomerini 345
Prionus Geoffroy 277
Priscosaprinus Wenzel 137
Pristodactyla Dejean 51
Pristonychus Dejean 51
Procalathus Jedlicka 51
Procas Stephens 339
Procryphalus Hopkins 362
Proctorus LeConte 345
Proculini 145
Progaleritina Jeannel 59
Prognathus Berthold 92
Promecognathini 17
Promecognathus Chaudoir 17
Promecotarsus Casey 340
Promethister Kryzhanovsky 139
Prometopia Erichson 216
Promoresia Sanderson 173
Promus LeConte 256
Pronocera Motschulsky 282
Proplectus Raffray 127
Propylaea Mulsant 236
Prorhexius Raffray 126
Prosaldius Oglobin 353
Prostephanus Lesne 200
Prostercyon Smetana 134
Prostomidae 267
Prostomis Latreille 267
Prostylops Pierce 367
Proteininae 87
Proteinini 87
Proteinus Latreille 87
Prothalpia LeConte 247
Prothecini 204
Protonecrodes Portevin 85
Psamathobledius Herman 93
Psammodiini 149
Psammodius Fallen 149
Psammoporus Thomson 147
Pselaphidae 125
Pselaphinae 129
Pselaphini 129
Pselaphorhynchites Schilsky 327
Pselaphus Herbst 129
Psenocerus LeConte 295
Psephenidae 174
Psepheninae 174
Psephenus Haldeman 174
Psephus Kirby 149
Pseudalindria Fall 207
Pseudamara Lindroth 35
Pseudamphasia Casey 45
Pseudanchus Casey 52
Pseudanthonomus Dietz 344
Pseudapion Schilsky 329
Pseudaplocentrus Noonan 44
Pseudargutor Casey 33
Pseudebaeus Horn 212
Pseudeleusis Bernhauer 95
Pseudelissa Casey 331
Pseudeurostus Heyden 206
Pseudibidion Casey 280
Pseudobaris LeConte 352
Pseudobradytus Csiki 36
Pseudocistela Crotch 259
Pseudocleis Casey 237
Pseudocoelus Casey 254
Pseudocryphalus Swaine 358
Pseudogaurotina Plavilstshikov 290
Pseudohadrotoma Kalik 198
Pseudohylesinus Swaine 357
Pseudolagarus Lutshnik 33
Pseudolathra Casey 116
Pseudolesteva Casey 90
Pseudolina Schaeffer 312
Pseudoliodini 79
Pseudolomechusa Mann 106
Pseudolucanus Hope & Westwood 144
Pseudoluperus Beller & Hatch 316
Pseudomaseus Chaudoir 33
Pseudomedon Mulsant & Rey 113
Pseudomegista Bernhauer 102
Pseudonomaretus Roeschke 13
Pseudopachyta Swaine & Hopping 289
Pseudopanscopus Buchanan 334
Pseudopatella Bohart 366
Pseudoperyphus Hatch 21
Pseudophonus Motschulsky 40
Pseudopityophthorus Swaine 363
Pseudopsinae 95
Pseudopsis Newman 95
Pseudoremus Koch 119
Pseudorus Casey 114
Pseudoscuptopterus Hatch 70
Pseudosmicronyx Dietz 340
Pseudostrangalia Swaine & Hopping 292

Pseudota Casey 101
Pseudothysanoes Blackman 359
Pseudotriaena Minsk & Hatch 39
Pseudotrox Robinson 150
Pseudotychius Blatchley 328
Pseudousipalia Lohse 102
Pseudoweisea Schwarz 229
Pseudoxenos Saunders 367
Pseudoxyletinus Pic 203
Pseudoxyporus Nakane & Sawada 109
Psiloscelis Marseul 140
Psoa Herbst 200
Psoinae 199
Psoini 200
Psomophus Casey 83
Psomus Casey 348
Psydrus LeConte 29
Psylliodes Berthold 321
Psyllobora Dejean 237
Psylloborini 237
Psyrassa Pascoe 280
Ptenidium Erichson 75
Pterna Seidlitz 260
Pterocolinae 326
Pterocolus Say 326
Pteroloma Gyllenhal 77
Pteropalus Casey 43
Pterostichini 30
Pterostichus Bonelli 31
Pteryngium Reitter 221
Ptiliidae 75
Ptiliinae 75
Ptilininae 203
Ptilinini 203
Ptilinus Müller 203
Ptiliola Haldeman 75
Ptiliolum Flach 75
Ptiliopycna Casey 76
Ptilium Gyllenhal 75
Ptilodactyla Illiger 169
Ptilodactylidae 169
Ptinidae 205
Ptininae 205
Ptinodes LeConte 202
Ptinus Linné 206
Ptomaphagini 81
Ptomaphagus Illiger 81
Ptomister Houlbert & Monnot 139
Pubimodes Park 127
Pullus Mulsant 230
Punctagonum Casey 53
Purpuricenini 286
Purpuricenus Dejean 286
Pycnoglypta Thomson 88
Pycnomerini 252
Pycnomerus Erichson 252
Pycnonotida Casey 254
Pycnophus Casey 83
Pycnoplectus Casey 126
Pycnorus Casey 114
Pycnotomina Casey 218
Pygoleptura Linsley & Chemsak 291
Pyladia Weise 318
Pyractomena Melsheimer 190
Pyrectosoma Motschulsky 191
Pyres Champion 258
Pyrilloxenos Pierce 366
Pyrochroidae 269
Pyrochroinae 269
Pyrophorinae 175
Pyrophorini 175
Pyropyga Motschulsky 191
Pyrotrichus LeConte 288
Pyrrhalta Joannis 314
Pyrrocis Castelneau 243
Pythidae 268
Pythinae 268
Pytho Latreille 268
Pytna Casey 129

Quadrifrons Blatchley 216
Quediellus Casey 122
Quediini 120
Quediochrus Casey 121
Quedionuchus Sharp 121
Quedius Stephens 121

Rafonus Casey 126
Ramecia Casey 126
Ramona Casey 113
Rantogiton des Gozis 70
Raphirus Stephens 122
Redistes Casey 252
Reesa Beal 198
Refonia Casey 32
Reichenbachia Leach 128
Rembus Dejean 48
Reminius Casey 261
Remus Holme 119
Renardia Motschulsky 92
Renocis Casey 358
Revelstokea Hatch 90
Rhabdophorus Lefèvre 308
Rhabdopterus Lefèvre 308
Rhadalinae 212
Rhadine LeConte 52
Rhaeboscelis LeConte 167
Rhagium Fabricius 289
Rhagomicrus Fleutiaux 187
Rhagonycha Eschscholtz 193
Rhanidea Strohecker 238
Rhanis LeConte 238
Rhantus Dejean 70
Rhaphiona Fischer von Waldheim 15
Rhaxonycha Motschulsky 193
Rhinocyllini 337

Rhinocyllus Germar 337
Rhinoncus Schönherr 351
Rhinosimus Latreille 270
Rhipiceridae 143
Rhipidandrini 254
Rhipidandrus LeConte 254
Rhipiphoridae 250
Rhipiphorina Casey 157
Rhipiphorinae 250
Rhipiphorus Bosc d'Antic 250
Rhizophagidae 218
Rhizophaginae 218
Rhizophagus Herbst 218
Rhodobaenus LeConte 354
Rhombodera Reiche 50
Rhombonalia Casey 154
Rhopalapion Schilsky 329
Rhopalelophorus Kuwert 130
Rhopalomerus Chevrolat 285
Rhopalopachys Chevrolat 285
Rhynchaeninae 345
Rhynchaenus Clairville 345
Rhynchitidae 326
Rhynchitinae 326
Rhynchitini 326
Rhynchophorinae 354
Rhyncolini 355
Rhyncolus Germar 356
Rhysodidae 7
Rhysothorax Bedel 147
Rhyssemus Mulsant 149
Rhyssomatus Schönherr 347
Rhytirrhininae 334
Rhyzobius Stephens 233
Rhyzopertha Stephens 200
Rileya Olivier 191
Riponus Casey 278
Romaleum White 280
Ropalopus Mulsant 284
Rosalia Audinet-Serville 282
Rosaliini 282
Rosella Whitehead 346
Rovalida Casey 103
Rugilus Leach 114
Rushia Forel 247
Rutelini 155
Rutelinae 154
Rutidosoma Stephens 350
Rybaxis Saulcy 128
Rypobiini 228

Sachalinobia Jacobson 289
Saciinae 228
Saciini 228
Sacium LeConte 228
Sacodes LeConte 142
Salebius Casey 221
Salpingidae 270
Salpinginae 270
Salpingus auct. 270
Sandalus Knoch 143
Sanfilippodytes Franciscolo 65
Saperda Fabricius 298
Saperdini 298
Sapintus Casey 272
Saprininae 136
Saprinus Erichson 136
Saprobia Ganglbauer 216
Saprophilus Streubel 120
Sarosesthes Thomson 285
Sarpedon Bonvouloir 187
Saxinis Lacordaire 305
Scalopterus Motschulsky 212
Scaphidema Redtenbacher 254
Scaphidiidae 124
Scaphidiini 125
Scaphidium Olivier 125
Scaphinotus Dejean 12
Scaphisoma Leach 125
Scaphisomini 125
Scaphium Kirby 125
Scarabaeidae 145
Scarabaeinae 146
Scarabaeini 146
Scarabaeoidea 143
Scarites Fabricius 17
Scaritini 17
Scelolyperus Crotch 316
Schedarosus Reitter 255
Schistoglossa Kraatz 102
Schizogenius Putzeys 18
Schizophilus Bonvouloir 188
Schizotus Newman 269
Sciaphilus Schönherr 330
Scierus LeConte 356
Sciodrepa Thomson 81
Sciodrepoides Hatch 81
Sciopithes Horn 331
Scirtes Illiger 142
Scirtidae 142
Scleropterini 350
Scobicia Lesne 200
Scoliocerus Motschulsky 178
Scolytidae 356
Scolytinae 359
Scolytini 359
Scolytus Geoffroy 359
Scopaeina 114
Scopaeoma Casey 114
Scopaeopsis Casey 114
Scopaeus Erichson 114
Scopophus Casey 83
Scotias Czenpinski 205
Scotobates Rye 258
Scotochroa LeConte 247
Scotochroides Mank 247

Scotocryptini 79
Scraptia Latreille 276
Scraptiidae 275
Scraptiinae 276
Scraptiini 276
Sculptotheca Schilsky 204
Scydmaenidae 82
Scydmaeninae 82
Scydmaenini 83
Scydmaenus Latreille 83
Scymninae 229
Scymnini 229
Scymnobius Casey 231
Scymnus Kugelann 230
Scythropus Schönherr 330
Selenalius Casey 43
Selenophorus Dejean 43
Semanotus Mulsant 283
Semicampa Netolitzky 27
Semiclivina Kult 18
Semijulistus Schilsky 212
Sepedophilus Gistel 97
Serangiini 229
Serica MacLeay 151
Sericini 151
Sericoda Kirby 52
Sericoderinae 228
Sericoderini 228
Sericoderus Stephens 228
Sericosomus Dejean 182
Sericus Eschscholtz 182
Serraticollis White 318
Serropalpini 247
Serropalpus Hellenius 248
Sexarthrus Blatchley 343
Siagonium Kirby & Spence 92
Siberia Blackwelder 95
Sibinia Germar 346
Sibiota Casey 101
Sicinus Champion 255
Silaria Mulsant 276
Silini 194
Silis Charpentier 194
Silphidae 84
Silphinae 85
Silusida Casey 107
Silvaninae 220
Silvanini 220
Silvanophloeus Sharp 219
Silvanus Latreille 220
Simplocaria Stephens 159
Simplocariini 159
Sinistrocedius Park 129
Sinodendrini 144
Sinodendron Hellwig 144
Sirocalodes Voss 350
Sitona Germar 331
Sitonini 331
Sitophilini 355
Sitophilus Schönherr 355
Smicronychini 340
Smicronyx Schönherr 340
Smilia Weise 229
Smodicini 280
Smodicum Haldeman 280
Sonoma Casey 126
Sonomota Casey 102
Soronia Erichson 216
Spectralia Casey 162
Sperchopsis LeConte 132
Sphaeracra Say 56
Sphaericus Wollaston 205
Sphaeridiinae 133
Sphaeridiini 133
Sphaeridium Fabricius 133
Sphaeriestes Stephens 270
Sphaerites Duftschmid 135
Sphaeritidae 135
Sphaeroderus Dejean 12
Sphaeromela Bedel 311
Sphalera LeConte 248
Sphalma Horn 268
Sphenophorini 354
Sphenophorus Schönherr 354
Sphindidae 213
Sphindinae 213
Sphindini 213
Sphindus Chevrolat 213
Spilodiscus Lewis 140
Spilosota Casey 155
Spilota Burmeister 154
Spilotus LeConte 247
Spintherophyta Dejean 308
Spondylinae 279
Spondylis Fabricius 279
Spongoloba Chaudoir 58
Spongopus LeConte 45
Sponidium Casey 262
Stagetus Wollaston 204
Stamoderes Casey 330
Staphygraphis Horn 90
Staphylinidae 86
Staphylininae 117
Staphylinini 120
Staphylinoidea 74
Staphylinus Linné 120
Statira Audinet-Serville 262
Statirinae 262
Steatoderus Dejean 181
Stegobiini 202
Stegobium Motschulsky 202
Stelidota Erichson 215
Stenagria Sharp 105
Stenelmis Dufour 173
Stenichnini 83
Stenichnus Thomson 83

Steninae 109
Stenister Reichardt 139
Stenistoderus Jacquelin du Val 123
Stenocantharus Gistel 13
Stenocellus Casey 46
Stenochia Kirby 261
Stenocorus Geoffroy 289
Stenocorus Fabricius 288
Stenocranophilus Pierce 367
Stenocrepis Chaudoir 49
Stenolophus Stephens 47
Stenopodius Horn 322
Stenopterini 282
Stenoscelis Wollaston 355
Stenosphenus Haldeman 280
Stenostrophia Casey 292
Stenotarsinae 238
Stenotarsini 238
Stenothorax Harris 154
Stenotrachelinae 263
Stenotrachelus Latreille 263
Stenous Chaudoir 49
Stenura Dejean 292
Stenuris Kirby 162
Stenus Latreille 109, 110
Stephanocleonus Motschulsky 336
Stephanoderes Eichhoff 362
Stephanopachys Waterhouse 200
Stephostethus LeConte 240
Stereagonum Casey 55
Steremnius Schönherr 338
Stereocerus Kirby 31
Stereopalpus LaFerté-Sénectère 274
Steriphanus Casey 253
Sternidius LeConte 297
Sternuchus LeConte 141
Steroderus Motschulsky 32
Steropus Dejean 32
Stethobaris LeConte 353
Stethon LeConte 187
Stethorhanis Blaisdell 238
Stethorini 229
Stethorus Weise 229
Sthereus Motschulsky 338
Sticholotidinae 229
Stichosoma Motschulsky 311
Stictalia Casey 107
Stictanchus Casey 55
Stictocranius LeConte 112
Stictoleptura Casey 293
Stictolinus Casey 124
Stigmatoma LeConte 260
Stilbolemma Harris 151
Stilbolidus Casey 45
Stilbus Seidlitz 226
Stilicina 114
Stilicosoma Casey 114
Stolaini 322
Stomis Clairville 30
Stomphax Fischer von Waldheim 149
Stonalota Mannerheim 101
Storthephora Mäklin 262
Strabala Chevrolat 317
Strangalepta Casey 293
Strangalia Audinet-Serville 290
Strangalina Aurivillius 290
Strepsiptera 366
Stricticomus Pic 273
Strigocis Dury 245
Strigoderma Burmeister 155
Strigodermella Casey 155
Strongylaspis Spaeth 323
Strongyliini 261
Strongylium Kirby 261
Strongylocassis Hincks 323
Strophiona Casey 294
Strophogastra Fenyes 103
Strophosoma Billberg 330
Strophosomini 330
Stylopidae 367
Stylopidia 366
Stylopinae 367
Stylops Kirby 367
Subhaida Hatch 89
Sulcacis Dury 245
Sumitrosis Butte 321
Sunius Curtis 113
Suphisellus Crotch 62
Symbiotes Redtenbacher 238
Symphora LeConte 247
Synaphaeta Thomson 295
Syncalosoma Breuning 10
Syncalyptinae 158
Synchita Hellwig 251
Synchitini 251
Synchroa Newman 267
Synchroidae 267
Synchytodes Crotch 251
Syndesinae 144
Synertha Dietz 340
Syneta Dejean 307
Synetinae 307
Synolabus Jekel 326
Synstrophus Seidlitz 246
Syntomium Curtis 93
Syntomus Hope 58
Synuchus Gyllenhal 51
Systena Chevrolat 317

Tachinoderus Motschulsky 96
Tachinus Gravenhorst 96
Tachistodes Casey 48
Tachyerges Schönherr 345
Tachymenis Motschulsky 29
Tachyporinae 96
Tachyporini 96

Tachyporus Gravenhorst 97
Tachypterellus Fall & Cockerell 343
Tachypterus Dietz 343
Tachypus Dejean 20
Tachys Stephens 29
Tachyta Kirby 28
Tachyura Motschulsky 28
Taenioglyptes Bedel 362
Taenobates Motschulsky 260
Tanaocarabus Reitter 12
Tanaops LeConte 212
Tanarthropsis Casey 273
Tanarthrus LeConte 273
Tanilotes Casey 275
Tanygaster Blatchley 316
Tanymecini 331
Tanymecus Germar 331
Tanyrhinus Mannerheim 91
Tanysphyrini 340
Tanysphyrus Germar 340
Taphranchus Casey 53
Taphrocerus Solier 168
Taphroscydmus Casey 83
Tapinosthenes Kolbe 10
Taraxis LeConte 304
Tarpela Bates 258
Tarphiota Casey 103
Tarsosteninae 211
Tarsostenus Spinola 211
Taxicerella Casey 100
Tecnophilus Chaudoir 59
Tectosternum Balfour-Browne 134
Tedinus Casey 259
Teinodactyla Chevrolat 317
Telacis Poey 259
Telephanus Erichson 220
Telephorus Schaeffer 193
Telmatophilinae 221
Telmatophilus Heer 221
Temnochila Westwood 207
Tenebrio Linné 259
Tenebrionidae 253
Tenebrioninae 258
Tenebrionini 258
Tenebrionoidea 242
Tenebroides Piller & Mitterpacher 208
Tenomerga Neboiss 6
Tentyriinae 253
Teredini 252
Teretriini 136
Teretrius Erichson 136
Tesnus Rey 112
Tetartopeus Czwalina 115
Tetragonoderus Dejean 56
Tetraleucus Casey 52
Tetralina Casey 100
Tetraopes Schönherr 299
Tetraopini 299
Tetrascapha Schuster & Marsh 126
Tetratoma Fabricius 243
Tetratomidae 243
Tetratominae 243
Tetropium Kirby 279
Tevales Casey 90
Texania Casey 161
Thalasselephas Egorov & Karotyaev 337
Thalycra Erichson 216
Thanasimus Latreille 209
Thanatophilus Leach 85
Thaneroclerini 209
Thecesterninae 335
Thecesternus Say 335
Thermonectus Dejean 72
Thersalus Pascoe 280
Thes Semenov 239
Thesalia Casey 292
Thesium Casey 126
Thicanus Casey 273
Thinobius Kiesenwetter 94
Thinodromus Kraatz 94
Thinopinus LeConte 120
Thinusa Casey 108
Thoracophorus Motschulsky 92
Thricolepoides O'Brien 330
Thricomigus Horn 333
Thrimolus Casey 243
Throscidae 186
Throscinae 186
Throscus Latreille 186
Thyamis Stephens 317
Thylodrias Motschulsky 199
Thylodriini 199
Thymalus Latreille 207
Thysanocnemis LeConte 345
Tilargus Casey 243
Tilea Fauvel 90
Tillini 208
Tilloclytus Bates 286
Tillomorphini 286
Timarcha Latreille 310
Timarchini 310
Tipnus Thomson 205
Tmesiphorini 129
Tmesiphorus LeConte 129
Tomarus LeConte 224
Tomicini 357
Tomoxia Costa 248
Toraminae 224
Toramini 224
Toramus Grouvelle 224
Torrentomus Bierig 94
Tosastes Sharp 334
Toxidium LeConte 125
Toxotopsis Casey 288
Toxotropis LeConte 325
Toxotus Dejean 288

Trachelonepha Casey 22
Trachodes Germar 338
Trachyinae 168
Trachykele Marseul 163
Trachypachidae 7
Trachypachus Motschulsky 7
Trachyphloeini 332
Trachyphloeus Germar 332
Trachysectus Casey 113
Trachysida Casey 292
Tragidion Audinet-Serville 286
Tragosoma Audinet-Serville 278
Tragosomini 278
Trechicus LeConte 51
Trechini 19
Trechonepha Casey 21
Trechus Clairville 19
Treiodous Dugès 263
Trepanedoris Netolitzky 27
Triachus LeConte 307
Triaena LeConte 39
Triarthron Markel 78
Tribalinae 138
Triboliini 258
Tribolium MacLeay 258
Tribonia Rivalier 8
Tribrachys LeConte 214
Trichalophus LeConte 333
Trichapion Wagner 329
Trichelaphrus Semenov 16
Trichesthes Erichson 152
Trichiinae 157
Trichiini 158
Trichiotinus Casey 158
Trichischius LeConte 354
Trichiusa Casey 103
Trichobaris LeConte 352
Trichocanthus Motschulsky 120
Trichocellus Ganglbauer 46
Trichochrous Motschulsky 213
Trichocnemis LeConte 277
Trichodes Herbst 210
Trichodesma LeConte 202
Tricholochmaea Laboissière 314
Trichophya Mannerheim 99
Trichophyinae 99
Trichoplataphus Netolitzky 23
Trichopteryx Kirby & Spence 76
Trichoscelis Bates 286
Trichotichnus Morawitz 43
Tricoryninae 205
Tricorynini 205
Tricorynus Waterhouse 205
Tricrania LeConte 265
Tricraniodes Wellman 265
Triga Fauvel 95
Trigites Handlirsch 95
Trigonarthris Haldeman 293
Trigonodemus LeConte 91
Trigonogenius Solier 205
Trigonorhinus Wollaston 324
Trigonoscuta Motschulsky 330
Trigonurini 92
Trigonurus Mulsant 92
Triliarthrus Casey 46
Trimioplectus Brendel 127
Triplacinae 225
Triplax Herbst 225
Triplectrus LeConte 44
Trirhabda LeConte 314
Tritoma Fabricius 225
Trixagus Kugelann 186
Trogastrini 126
Troginae 150
Trogoderma Dejean 197
Trogophloeus Nannerheim 94
Trogossita Olivier 208
Trogossitidae 206
Trogossitinae 207
Trogossitini 207
Trogoxylon LeConte 201
Tropicini 170
Tropicus Pacheco 170
Tropideres Schönherr 325
Tropiderini 325
Tropiphorus Schönherr 334
Tropisternus Solier 133
Trotomma LeConte 247
Trox Fabricius 150
Trymochthebius Kuwert 74
Trypherus LeConte 195
Trypodendron Stephens 361
Trypophloeus Fairmaire 362
Turboscymnus Gordon 231
Tychiinae 345
Tychiini 346
Tychini 129
Tychius Germar 346
Tychobythinus Ganglbauer 128
Tylicini 160
Tylicus Casey 160
Tylistus LeConte 204
Tyloderma Say 347
Tylonotus Haldeman 280
Tympanophorus Nordmann 120
Typhaea Stephens 243
Typhloleiodes Hatch 80
Typitium Casey 262
Typocerus LeConte 291
Tyrini 129
Tyrus Aubé 129

Uleiota Latreille 220
Uleiotini 220
Ulitusa Casey 107
Ulochaetes LeConte 288

Uloma Latreille 257
Ulomini 257
Unamis Casey 90
Upis Fabricius 261
Urgleptes Dillon 298
Urographis Horn 297
Uroplatini 322
Utobium Fall 202
Uvarus Guignot 64

Vacusus Casey 273
Vanonus Casey 275
Variopalpis Solier 58
Vellica Casey 90
Venusa Casey 107
Veraphis Casey 83
Vicelva Moore & Legner 95
Vincenzellus Reitter 270
Vrilletta LeConte 203

Willinkia Bondar 353

Xanthochroa Schmidt 266
Xanthochroina Ganglbauer 266
Xanthogaleruca Laboissière 314
Xantholininae 123
Xantholinini 123
Xantholinus Dejean 124
Xanthonia Baly 309
Xanthophius Motschulsky 123
Xanthopygini 120
Xanthus Dietz 344
Xeninae 367
Xenochara Mulsant & Rey 104
Xenocharis Bierig 113
Xenodacne Boyle 225
Xenodusa Wasmann 106
Xenoscelinae 224
Xenota Mulsant & Rey 103
Xerosaprinus Wenzel 137
Xestipyge Marseul 138
Xestobiini 202
Xestobium Motschulsky 202
Xestocis Casey 244
Xestoleptura Casey 293
Xestolinus Casey 124
Xestonotus LeConte 45
Xestophus Casey 83
Xyleborini 361
Xyleborinus Reitter 362
Xyleborus Eichhoff 362
Xylechinus Chapuis 357
Xyletininae 203
Xyletinini 203
Xyletinus Latreille 204
Xylita Paykull 247
Xylobiops Casey 200
Xylobius Latreille 188
Xylocomesus Thatcher 356
Xylocrius LeConte 284
Xylodromus Heer 91
Xyloecus Dejean 188
Xyloperthini 200
Xylophilus Mannerheim 188
Xylopinus LeConte 260
Xyloryctes Hope 156
Xylosandrus Reitter 361
Xyloterini 361
Xyloterinus Swaine 361
Xylotrechus Chevrolat 285

Yrdops Steffan 171

Zabrini 35
Zacotus LeConte 19
Zaitzevia Champion 173
Zalepia Arnett 175
Zalobius LeConte 95
Zeadolopus Broun 79
Zenodosus Wolcott 209
Zeugophora Kunze 304
Zeugophorinae 304
Zezea Csiki 39
Zilora Mulsant 247
Zonantes Casey 275
Zonitina 265
Zonitinae 265
Zonitini 265
Zonitis Fabricius 265
Zonoptilus Solsky 93
Zopheridae 252
Zopherinae 252
Zuphiini 59
Zuphium Latreille 59
Zygogramma Chevrolat 310
Zygopinae 348
Zygopini 348
Zyras Stephens 106

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